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McCullough, C. H., Jr., '91. 31
McElroy, Joseph A., '87. 27
McGahie, F. H., '92. 30
McGowan, H. E., '94. 30
McKinlay, H. de L., '05. 28
McLean, Embury, '88. 34
McLean, North, '85. 34
McNaughton, Malcolm, '83. 24
Meding, Ernest, '00. 15
Meeks, Howard V., '01. 29
Meister, Conrad L., '97. 37
Mendoza, Luis, '90. 46
Merkel, A. E., '93. 38
Merriam, L. L., '00. 32
Merrick, Herbert, '92. 27
Merritt, Charles F., '01. 25
Merritt, C. H., Jr., '93. 20
Merritt, G. W., '90. 16
Merritt, James S., '86. 40
Mertelmeyer, Gisbert, '03. 34
Messimer, Hillary C., '96. 34
Messimer, Robert L., '97. 34
Metcalfe, George R., '86. 17
Meyer, Ernest H., Jr., '97. 24
Meyer, Henry C., Jr., '92. 25
Meystre, F. J., '93. 23
Miller, Alten S., '88. 19
Miller, Arthur B., '97. 25
Miller, Carroll, '96. 46
Miller, G. Hope, '92. 40
Miller, Henry J., '84. 22
Miller, Samuel W., '87. 38
Miller, Warren H., '98. 18
Mitchell, Harvey F., '84, 34
Moeller, Franklin, '87. 38
Moffit, Robt., '00. 34
Montalvo, W. W., Jr., '03. 22
Moore, A. B., '90. 17
Moore, W. J., '00. 23
Morley Charles N., '99. 30
Morris, Wm. C., '96. 29
Morris, A. Saunders, '84. 40
Morrison, Henry K., '86. 21
Morton, Fred N., '86. 40
Morton, Henry Samuel, '97. 23
Morton, Quincy L., '02. 23
Mott, C. S., '97. 20
Mount, Ralph Holmes, '04. 28
Mowton, Edward P., '86. 37
Moynan, Frank, '90. 17
Muldaur, G. B., '89. 22
Munby, E. John, '97. 45
Munkwitz, Edward H., '85. 43
Munkwitz. William H., '85. 43
Murphy, B. S., '03. 38
Murphy, Edward, Jr., '98. 34
Muschenheim, F. A., '91. 34
Myers, Allan C., '98. 39
Myers, Charles H., '99. 24
Myers, C. T., '00. 22
Mylius, R. W., '04. 34
Nash, Lewis H., '77. 30
Nathan, Alfred, '90. 34
Neefus, Harold V. H., '04. 25
Nettleton, Lloyd H., '91. 35
Newell, Charles Z., '98. 37
Newell, Harvey E., '98. 37
Newman, L. H., '00. 44
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Norcross, Joseph A., '91. 16
Norris, Henry Lee, '02. 29
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North, Gilbert, '03. 45
Obrig, Adolph, '05. 21

Ode, Randolph T., '98. 42
Oelbermann, Julius, '91. 40
Ogden, Fred D , '95. 35
Oliphant, R. C., '89. 15
Onderdonk, John R., '89. 19
Ophuls, Fred M., '97. 40
Oppermann, M. A. F., '94. 44
Orr, Alexander M., Jr., '97. 35
Osborn, W. B., '96.
Overton, F. F., '96. 31
Owston, Charles W., Jr., '99. 17
Page, Carter H., Jr., '87. 41
Page, J. D., '04. 19
Paine, Leonard G., '86. 40
Palen, William D., '89. 39
Parish, Wm. H., '02. 21
Parker Franke L., '93. 42
Parker, Thomas R., '01. 18
Parsell, H. V. A. * 35
Parsons, H. de B., '84. 35
Parsons, Washington E., '87. 25
Parsons, Willard P., '80. 35
Patterson, A. W., Jr., '92. 41
Patterson, Warren P., '04. 46
Paulding, Chas. P., '95.
Paulson, Wm. E., '04. 30
Peabody, Ernest H., '90. 35
Pearce, Chouteau E., '91. 22
Pearce, W. H., '04. 35
Peck, Chas, B., '96. 30
Peirce, J. R., '00. 25
Peirce, William H., '84. 19
Penny, Rupert L., '04. 16
Percy, John C., '00. 39
Perkins, Geo. S., '91.
Petersen, Reinhold, '98. 24
Pfordte, Otto F., '86. 28
Phelps, Walter F., '90. 38
Phillips, Louis A., '00. 35
Pierce, James B., '77. 41
Pierson, John V. L., '88. 40
Pierson, W. D., '94. 16
Paisted, Harold Mason, '83. 17
Plum, Frank H., '96. 28
Plyer, George G., '89. 41
Pope, O. A., '96. 30
Post, Andrew J., '92, 35
Post Arden, '91. 22
Post, Henry W., '74. 31
Post, Lionel, '99. 35
Post, Robert C., '98. 22
Post, William C., '86. 35
Potbury, Alfred H., '05. 38
Powell, W. B., '92. 36
Powers, E. T., '97. 19
Prahl, F. A., '03. 35
Pratt, August G., '03. 30
Pratt, C. A., '85.
Pratt, H. A., '04. 27
Prentiss, H. J., '89. 18
Prentiss, Henry S., '84. 35
Prince, Duffield, '98. 30
Prince, Wm. B., '00. 38
Prout, H. B., '04. 35
Pryor, Frederick L., '97. 26
Pryor, Robert W., Jr., '02. 26
Pulsford, E., '94. 35
Quigg, Edward A., '03. 17
Quimby, William E., '87. 26
Rabbe, Frederick, Jr., '03. 35
Rainsford, William B., '99. 19
Ramirez, Nestor, '95. 47
Ramirez, Juan B., '79. 35
Randolph, L. Strother, '83. 43
Randolph, William W., '86. 35
Rapelje, John, '77. 32
Raphel, Henry J., '00. 26
Raqué, Philip E., '76. 24
Rasmus, William T., '96. 35
Rea, Henry R., '84. 41
Reed, Harry D., '92. 26
Reese, Francis I., '01. 24
Reeve, H. E., '88. 30
Reid, Thorburn, '88. 35
Reitze, Geo., Jr., '01. 35
Rendon, J. C., '85.
Renwick, Edward B., '84. 24
Renwick, W. W., '85. 35
Rice, Richard H., '85. 20
Richardson, C. G., '89. 43
Richardson, George P., '97. 26
Richtberg, H. A., '00. 26
Riddle, Robert M., '81. 40
Riege, Rudolph, '93. 16
Riesenberger, Adam, '76. 29
Righter, Addison A., '82. 35
Rittenhouse, Leon H., '01. 40
Rittenhouse, Walter B., '98. 20
Rivero, R. J., '03. 46
Roberts, Edward P., '77. 38
Roberts, George J., '84. 40
Roberts, Wm. H. H., Jr., '93. 22

Robinson, Edward W., '95. 35
Robinson, Herman, '98. 35
Roeser, Charles J., '03. 35
Rogers, W. H., '02. 23
Rose, Rudolf V., '97. 32
Rosenberg, E. M., '89. 35
Rosenbusch, G., '94. 44
Royle, V. E., '02. 27
Ruprecht, L. M., '94. 30
Rusby, John M., '85. 40
Rusling, W. J., Jr., '96. 38
Sague, James E., '83. 35
Sanborn, Francis N., '91. 30
Sander, Georg H., '01. 35
Sander, Robert H., '00. 29
Sanders, Lewis, '98. 36
Sandt, George F., '84. 39
Sanson, Frederick B., '99. 39
Sanson, Harold R., '99. 15
Sawyer, F. H., '97.
Scammell, F. A., '99.
Schaaf, R. A., '05. 26
Schaeffler, Joseph C., '00. 20
Schaub, A. H., '04. 35
Scheel, H. Van Riper, '05. 35
Schimmel, John Jr., '96. 32
Schlesinger, Alfred H., '87. 31
Schmidt, Edward C., '95. 37
Schmitt, Joseph A., Jr., '98. 35
Schoenborn, Wm. E., '87. 17
Schramme, John T., '92. 31
Shroeder, August E., '04. 35
Schuetz, Frederick F., '03. 26
Schumacher, H. J., '91. 35
Scott, A. D., '01. 42
Scott, Fred E., '97. 29
Scott, Rossiter S., '98. 19
Scribner, Charles W., '82. 28
Seaman, David S., '02. 19
Searing, Lewis, '88. 15
Seeligsberg, L. W., '96. 30
Seely, Frederick, '98. 31
Seeman, Edgar G., '93. 38
Self, Edward D., '86. 27
Serrell, Lemuel W., Jr., '87. 35
Shapiro, Michael, '05. 21
Shaw, J. C., '00. 30
Sheldon, William H., '78. 35
Shepard, Horace L., '92. 15
Shepherd, Martin, '96. 15
Shiebler, Marvin, '00. 30
Shoemaker, W. E., '94. 20
Shoudy, William A., '99. 30
Shreve, Arthur Lee, '88. 19
Sidman, Alfred G., '99. 24
Siegele, August, Jr., '01. 30
Silber, Albert A. A., '85. 17
Sinclair, Arnold F., '02. 39
Sinclair, D. G., '02.
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Sinclair, J. J., '01. 30
Sissons, W. J., '00. 44
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Slipper, Charles J., '95. 30
Slocum, Mors M., '93. 17
Smart, F. R., Jr , '95. 42
Smith, A. De Los, '97. 35
Smith, A. D., '02. 16
Smith, Abel I., '98. 35
Smith, E. Burton, '98. 26
Smith, Elmer, '03. 42
Smith, Julian C., '91. 35
Smith, H. R., '88. 17
Smith, Howard Wells, '91. 39
Smith, Merrill Van G., 96. 25
Smith, P. H. F., '98. 25
Smith, Robert Keating, '89. 16
Smith, R. W., '94. 35
Smith, Samuel F., '90. 45
Smith, T. G., '85. 38
Sofio, Edward C., '98. 35
Sorensen, L. C., '95.
Sorge, Adolph, Jr., '75. 20
Spencer, Paul, '91, 40
Spies, Albert, '81. 24
Squier, H. N., '03. 37
Stack, M. F., Jr., '05. 30
Stahl, Albert W., '76. 43
Stanford, George C., '00. 35
Stanley Robert C., '99. 32
Staples, William O., '04. 27
Starr, H. W., '00. 36
Stearns, James H., '96. 37
Stehlin, Joseph, '98. 35
Steinbrügge, E. O., Jr., '97. 35
Stephens, John R., '78. 40
Stephens, Thomas C., '00. 35
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Stevens, F. R., '00. 31
Stevens, Ralph H., '98. 35
Stevens, William N., '85. 35

Steward, Joseph E., '83. 41
Stillman, Thomas B., '83. 23
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String, Joseph S., '03. 27
Strong, William E. S., '92. 17
Stueck, George H., '88. 24
Suhr, Curt, '04. 27
Summerhayes, H. R., '96. 36
Summers, George F., '91. 18
Taff, Frederick N., '95. 24
Takeo, Toshisuke, '98. 46
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Taylor, Frederick W., '83. 39
Taylor, Horace G., '99. 29
Taylor, Russell E., '94. 35
Taylor, Thomas, Jr., '88. 42
Taylor, W. H., Jr., '02. 41
Terry, Thomas L , '97. 26
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Thuman, Frederick, '90. 45
Tiemann, H. Donald, '97. 16
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Toby, Edward M., '96. 19
Tock, Clarence R., '98. 38
Todd, George L., '90. 27
Topping, Howell, '02. 31
Torrance, Henry, Jr., '90. 28
Torrance, Kenneth, '84. 31
Towne, Jos. M., '97. 27
Trautvetter, Charles, '90. 27
Trautwein, Alfred P., '76. 39
Trube, G. A., '90. 45
Tucker, Benjamin W., '84. 26
Turner, J. K., '05. 27
Tuttle, William S., '84. 31
Tweedy, James A., '05. 31
Twitchell, R. S., '90. 36
Uehling, Edward A., '77. 27
Uhlenhaut, Fritz, Jr., '88. 41
Underhill, Henry L., '00. 36
Upjohn, Hobart B., '99. 36
Vail, Eugene L., '76.
Van Atta, Harry, '81. 36
Van Brunt, John, '97. 36
Vanderbeek, J. Wilbur, '04. 22
Van der Willigen, T. A., '88. 44
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Van Houten, C. M., '03. 27
Van Saun, Edwin, '98. 24
Van Vleck, Frank, '84. 17
Van Vleck, John, '84. 36
Van Winkle, Frakklin, '77. 27
Vidal, Philip, '92. 37
Villa, Jose Maria, '78. 47
Vogelius, C F., '92. 21
Voigtlander, O. F. von, '05. 29
Voorhees, E. C., '99. 40
Vreeland, Frederick K., '95. 25
Vuilleumier, R., '02. 36
Wachter, Charles L., '99. 23
Waefelaer, F. Louis, Jr., '92. 45
Wagner, Herbert A., '87. 36
Wagner, J. Homer, '02. 31
Wagoner, P. D., '96. 36
Wainwright, Arthur V., '98. 16
Waldeck, L. Edwin, '05. 24
Walder, Jacob, '02. 27
Walker, Frederick W., '95. 20
Walker, M. Penderell, '98. 44
Wall, George L., '93. 38
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Wallis, J. Mather, '76. 43
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Ward, William W., '95. 36
Warfield, D. R., '04.
Warren, Edward C., '97. 36
Warrington, James N., '83. 45
Watkins, Howard, '01. 27
Watters, Edw. L., '02. 21
Webster, Hosea, '82. 25
Weeks, Frank J., '93. 36
Weichert, A. E., '97. 26
Weichert, Max J., '96. 26
Weissblatt, Murray E., '00. 36
Welch, William M., '98. 38
Welles, E. R., '00. 31
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Westcott, J. T., '90. 45
Westerfield, Jason R , '99. 36
Westervelt, Arthur F., '98. 36
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Wettlaufer, Louis, '92. 36
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Wheatley, Crawford, '87. 17
Whigham, William, '88. 41
Whitcomb, H. D., '92. 26
White, Edward F., '86. 39

White, Henry C., '81. 20
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Whiting, Charles W., '84. 20
Whitlock, E. H., '90. 38
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Wilbor, Anson G., '93. 16
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Wildman, L. D., '90. 15
Wiles, Edwin L., '76. 37
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Wilkes, J. Renwick,'93. 37
Willett, Wallace,'96. 36
Williams, A. R., '95. 36
Williams, Frank H., '81. 18
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Williams, Harvey D., '85. 17
Williamson, G. D., '97. 29
Williamson, James A., '97. 26
Willis, C. M., '04. 22
Willis, Clarence A., '89. 40
Willis, Edward J., '88. 43
Willis, Paul, '85. 17
Wilson, Arthur, '99. 26
Wilson, W. R., '96. 37
Wolcott, Henry A., '91. 16
Wolff, A. F. T., '01. 23
Wolff, Alfred R., '76. 36
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Wreaks, Hugh T., '90. 31
Wreaks, William B., '89. 20
Wright, Donald A., '03. 36
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Wright, Harry, '98. 31
Wuichet, Edward S., '91. 38
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Zimmerman, H. D., '04. 27
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Zusi, Leonard B., '02. 26
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GEOGRAPHICAL LIST.

ALABAMA.

Birmingham (Ala.)

Dreyspring, Ernest, Williamson Iron Co.
Sanson, Harold B., Southern Cement Co.

Mobile (Ala.)

Hall, Chas. A., 66 St. Francis St.

CALIFORNIA.

Hamilton, Glenn Co. Cal.

Bradley, Edgar L.,

Los Angeles (Cal.)

Stern, Alfred, 903-931 Macy St.
Streeter, L. P., P. O. Box 1345.

Mare Island (Cal.)

Kirkland, Wm. A., Navy Yard.

Oakland (Cal.)

Holberton, Geo. C., 1912 Telegraph Ave.

Oroville (Cal.)

Clark, Baylies C., Yuba Placer Mine.

San Francisco (Cal.)

Clark, F. Morton, Cosmos Club.
Greenebaum, Leon, 1420 Van Ness Ave.
Kidd, Geo. F., 1434 O'Farrell St.
Magee, Wm. A., 5 Montgomery St.
Oliphant, R. C., 604 Montgomery St.
Wildman, L. D., Phelan Bldg.

COLORADO.

Boulder (Colo.)

Jackson, Bethel H., 1073 13th St.

Colorado Springs (Colo.)

Meding, Ernest, 619 N. Tegon St.

Denver (Colo.)

Ferris, Harry C., U. Pacific R. R.
Searing, Lewis, 901 E. 10th Ave.

Georgetown (Colo.)

Greve, Edgar E.

CONNECTICUT.

Bethel (Conn.)

Shephard, Horace L.

Bridgeport (Conn.)
Kirsten, Geo. E., 82 Washington Ave.

Danbury (Conn.)
Merritt, Geo. W.

Hartford (Conn.)
Bond, Geo. M., 141 Washington St.
Cuntz, Herman F., 65 Forest St.
Riege, Rudolph, 335 Laurel St.
Wilbor, Anson G., 569 New Britain Ave.
Wolcott, Henry A., 46 So. Main St.

New Haven (Conn.)
Norcross, Joseph A., 80 Crown St.
Penney, Rupert L., 112 Gilbert Ave.
Tiemann, H. D., 771 Orange St.
Wyant, Robt. E., 50 Livingstone St.

New London (Conn.)
Hasbrouck, Stephen A., 117 Willetts Ave.

Norwalk (Conn.)
Kattwasser, C. M., 12 High St.

South Norwalk (Conn.)
Alden, J. D., 12 High St.
Wainright, Arthur V.

Waterbury (Conn.)
Bristol, B. B.
Dennis, H. P., 64 Leavenworth St.
Erdman, Albert W.
Pierson, W. D., The Waterbury Machine Co.
Smith, Arthur D., 285 Hillside Ave.

Westfield (Conn.)
Smith, Robert Keating.

Wilton (Fairfield Co.), Conn.
Betts, H. S.

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Gsanther, Otto C., 24th and Franklin Sts.

Washington (D. C.)
Campbell, Gordon, 1229 21st St.
Fearn, Richard L., N. Y. Tribune.
Harris, Frederic R., U. S. Navy Dept.

Landvoigt, Thomas E., 1633 31st St., N. W.
Schoenborn, Wm. E., 908 G St., N. W.
Van Vleck, Frank, 1837 M St.
Williams, H. D., The Marlborough, No. 33.

FLORIDA.

Madison (Fla.)
Inglis, Beattie A.

Jackonsville (Fla.)
Silver, Albert A. A., 251 E. 11th St.

GEORGIA.

Americus (Ga.)
Wheatley, Crawford.

Atlanta (Ga.)
Gately, Chas. L,, 950 Peachtree St.
Lederle, Frank, P. O. Box 62.
Zahner, Robt., Euclid and Austin Aves.

Cordele (Ga.)
Johnson, J. E., Cordele National Bank.

Decatur (Ga.)
Everhart, Henry B.

ILLINOIS.

Chicago (Ill.)
Bingham, Carl G., 201–207 Canal St.
Field, Wm. A., 220 E. 60th St.
Jennings, Wm. J., 1440 Wilson Ave.
Metcalfe, Geo. R., 3321 Armour Ave.
A. B. Moore, Griffin Wheel Co.
Quigg, E. A., 2658 N. Lincoln St.
Slocum, Mors O., 205 E. 46th St.
Smith, H. R., 1260 Winthrop Ave.
Strong, Wm. E. S., 281 Michigan Ave.
Willis, Paul, 45 Madison Park.
Woolsey, Arthur E., 7316 Bond Ave.
Younglove, R. S., 282 Michigan Ave.

South Chicago (Ill.)
Moynan, Frank, 9145 Commercial Ave.

East St. Louis (Ill.)
Owston, Chas. W., Ry. Steel Spring Co.

Granite City (Ill.)
Plaisted, Harold Mason.

Joliet (Ill.)
Hayes, Wm. G., 1109 Cass St.

Pekin (Ill.)
Parker, Thomas R., Tazewell Hotel, Tazewell Co.

Peoria (Ill.)
Maury, Dabney H., 500 Bradley Ave.

Urbana (Ill.)
Brooks, Morgan.

INDIANA.

Elkhart (Ind.)
Antz, Oscar, 414 Lexington Ave.

Fort Wayne (Ind.)
Demarest, F. W., care Penna. Co.

Greenville (Ind.)
Brown, W. V.

Indianapolis (Ind.)
Bachmann, Valentine, 67 Woodruff Place.
Graf, Carl H., 1922 N. Meridian St.
Miller, Warren H., 21 W. Walnut St.

IOWA.

Davenport (Ia.)
Summers, George F.

Dubuque (Ia.)
Williams, F. H.

Iowa City (Ia.)
Prentiss, Henry J., Iowa State University.

KANSAS.

Topeka (Kan.)
Goode, C. Bates, 304 W. 8th St.

KENTUCKY.

Louisville (Ky.)
Butler, Pierce, 1803 1st St.
Carter, Lattimore, Cave Hill Cemetery Co.
Drummond, E. M., 1415 Garvin Place.
Walton, Druid A., 1620 Third Ave.

LOUISIANA.

New Orleans (La.)
Coleman, H. D., Jr., 1727 Peniston St.
Fetchheimer, S., 3817 Carondelet St.
Hardie, H. M., 843 Union St.
Hardie, L. H., 914 Gravier St.
Hopkins, Guy, 730 Esplanade Ave.

Joubert, Fred L.
Shepard, Martin, Toledano & Wagan
Toby, E. M., 2060 Palmer Ave.
White, Maunsel, 940 Lafayette St.

MAINE.

Greenville (Me.)
Axford, W. B.

MARYLAND.

Annapolis (Md.)
Johnson, Theodore W., 3 Randall Place.

Baltimore (Md.)
Adams, H. H., 714 Lennox St.
Bray, Wm. J., 809 Park Place.
Chatard, Wm. M., 113 W. Lanvale St.
Cooper, Stuart, 104 W. Eager St.
J. E. Cromwell, 1211 W. Mulberry St.
Davis, J. A., Mt. Royal Apartment House.
Daw, W. L., Hotel Stafford.
Dawson, Edgar R., 8 E. Madison St.
Miller, Alten S., 100 W. Lexington St.
Hunter, James F., 1517 Bolton St.
Peirce, Wm. H.
Powers, E. T.
Scott, R. S., 832 Hamilton Terrace.
Shreve, Arthur L.
Wallis, James .T, 206 E. Preston St.

Derwyn (Md.)
McCoy, Jos. S.

Indian Head, Chas. Co. (Md.)
Rainsford, Wm. B.

Mt. Savage (Md.)
Bruck, Henry T., C. & P. R. R.

Princess Anne (Md.)
Page, J. D.

Sherwood, Balto Co. (Md.)
Onderdonk, J. R.

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Boston (Mass.)
Barker, Russel D., 404 Pleasant St.
Botchford, Henry J., 21 Chestnut St.
Burke, Geo. H. B., Laidlaw, Dunn Gordon Co., 42 Batterymarch St.
Coffey, Barton H., Newcastle Court
Huppertz, E. A., 119 Milk St.
Irwin, F. K., N. Y., N. H. & H. R. R.
Seaman, David S., Technology Chambers.

East Boston (Mass.)
White, H. C., Lowry Engineering Co.

Cambridge (Mass.)
Whiting, C. W., 62 Kirkland St.

Chestnut Hill (Mass.)
Burke, Edmund J., Dunster Road.

Fall River (Mass.)
Merritt, Chas. H., 296 Lincoln Ave.

Pittsfield (Mass.)
Hunter, Wilfrid K., 30 Elizabeth St.
Kelly, John F., 284 W. Housatonic St.

Somerville (Mass.)
Schaeffler, Joseph C., 49 Laurel St.

Springfield (Mass.)
Shoemaker, W. E., 346 Maple Street.

Swampscott (Mass.)
Rice, Richard H., 106 Elmwood Road.

Williamsburg (Mass.)
Bunch, D. S.

Worcester (Mass.)
Barnum, Dana D., 47 Cedar St.
Bennett, Frank, 27 Chatham St.
Obrig, A., 5 State St.

MICHIGAN.

Detroit (Mich.)
Danzigar, Jacob C., Night and Iron Sts.
F. W. Walker, Comstock Haight & Walker Co.

Flint (Mich.)
Mott, C. S.

Royal Oak (Mich.)
Wreaks, Wm. B.

Sibley, Wayne Co. (Mich.)
Church, Austin.

St. Joseph (Mich.)
Sorge, Adolph, Jr., Riverview Farm.

St. Paul (Minn.)
Doty, Paul, 286 Laurel Ave.

Duluth, (Minn.)
Rittenhouse, Walter B., 316 Providence Bldg.

MISSOURI.

Kansas City (Mo.)
Freygang, Henry
Macbeth, Henry K., 500 Woodland Ave.

NEW HAMPSHIRE.

Concord (N. H.)
Morrison, Henry K., 104 North State St.

NEW JERSEY.

Allenhurst (N. J.)
Hill, Wallace M., c/o J. W. Morrell.

Arlington (N. J.)
Main, Thomas J., 23 Pavonia Ave.

Atlantic City (N. J.)
Parish, Wm. H., 22 S. Boston St.

Bayonne (N. J.)
Annett, E. B., Ave. A & 14th St.
Brackett, Chas. K., 74 W. 31st St.
Chew, Roger, Standard Oil Co.
De Bonneville, A. A., 88 W. 35th St.
Jones, Wm. A., Babcock & Wilcox Co.
Horwitz, Samuel S., 96 W. 51st St.
R. T. Lockwood, 206 W. 52d St.
Watters, Edw. L., 627 Ave. D.
Woodward, Arthur C., 122 W. 34th St.

Bloomfield (N. J.)
Vogelius, Chas. F., 49 Tremont St.

Bordentown (N. J.)
Longstreet, J. H.

Bridgeton (N. J.)
Cox, Frederic, Wm.

Caldwell (N. J.)
Hedden, C. E.
Lewis, I. R.

Camden (N. J.)
Shapiro, Michael, 1405 Kernwood Ave.

Clinton (N. J.)
Hartpence, C. C.

Cranford (N. J.)
Bates, Geo. H., Hampton Hall.

Cresskill, Bergen Co. (N. J.)
Westervelt, H. I.

Delaware (N. J.)
Hagstoz, Arthur T.

Dover (N. J.)
Lynd, Roy E., 86 Morris St.
Van Etten, Herbert B.

Elizabeth (N. J.)
Bonnett, Louis B., 414 S. Broad St.
Brewer, Samuel B., Grove and Linden Aves.
Hollins, Geo. G., 324 Union Ave.
Kellogg, Morris W.
Lindenkohl, Henry, 401 Grier Ave.
Mackenzie, W. P., 1275 Clinton Ave
Miller, Henry J., 115 Catherine St.
Muldaur, Geo. B., 577 N. Broad St.
Myers, C. T., 840 N. Broad St.
Pearce, C. E., 645 Madison Ave.
Post, Arden.
Willis, Chas. M., 168 Madison Ave.
Wreaks, Chas. F., 22 De Witt Road.

Englewood (N. J.)
Baylis, Robt. N.
Dawes, Henry F.
Dawes, Lewis C.
Lenssen, Arthur, Jr.
Post, Robt. C., 32 Hillside Ave.
Roberts, W. H. H., 96 Engle St.
Vanderbeek, J. Wilbur, 178 Grand Ave

Fanwood (N. J.)
Hall, Burton P.

Glen Ridge (N. J.)
De Gress, F. B.,

Hackensack (N. J.)
Montatvo, W. W.

Highwood (N. J.)
Bates, Chas. J., Jr.

Hoboken (N. J.)
Bandaret, Leon G., 114 Adams St,
Bates, James H., P. O. Box 118.
Beers, Wm. J., 1302 Washington St.
Beyer, Richard, 902 Hudson St.
Bristol, Wm. H., Stevens Institute.
Buist, Richard, 118 Grand St.
Burhorn, Edwin, 938 Hudson St.
Burke, Robt. E., 1025 Willow Ave.
Cazin, O. K., 1108 Bloomfield St.

Cook, Henry R., 1029 Bloomfield St.
Cuntz, J. H., 325 Hudson St.
Denton, James E., Stevens Institute.
Dunlop, Chas. W., 731 Park Ave.
Ebsen, Henry L., 927 Bloomfield St.
Ebsen, W. A., 1200 Garden St
Erlenkotter, H., 949 Bloomfield St.
Farrar, W. M , 1216 Bloomfield St.
Ferguson, John, 1126 Park Ave.
Furman, Franklin De R., 700 Hudson St.
Ganz, Albert F., 612 River St.
Geyer, Wm. E., Stevens Institute.
Guenther, Frederick A., 318 Hudson St.
Hamilton, James B., 1026 Hudson St.
Handforth, Walter S.
Hart, B. Franklin, Jr., 1032 Hudson St.
Idell, Percy C., 1026 Hudson St.
Jacobus, D. S., Stevens Institute.
Ketchum, Samuel, 1219 Washington St.
King, Harry D., 1018 Hudson St.
Knapp, Edwin R., 1032 Hudson St.
Koester, Herman, 1009 Bloomfield St.
Kopp, Henry, 1027 Bloomfield St.
La Pointe, Frank, 257 12th St.
Leber, Robt. E., 928 Bloomfield St.
Magovern, Edw. E., 1214 Bloomfield St.
Martin, Louis A., 824 Bloomfield St.
Martin, Paul J., 824 Bloomfield St.
Mathey, Henry C., 925 Hudson St.
Meystre, F. J., 1027 Park Ave.
Moore, Wm. J., 106 11th St.
Morton, Henry S., 529 River St.
Morton, Quincy L., 529 River St.
Rogers, Washington H., 507 Washington St.
Stevens, Edwin A., Jr., Castle Point.
Stillman, Thos., B. 532 River St.
Wachter, Chas L., 520 Hudson St.
Wolff, A. F. T., 500 Hudson St.

Jersey City (N. J.)

Alden, James W., 29 Exchange Pl.
Arrison, Pearson, 88 Glendenny Ave.
Bennett, Geo. E., 268 Second St.
Borcherdt, W. O., 345 Fairmount Ave.
Bradley, C. E., 11 Duncan Ave.
Buffett, E. P., 804 Bergen Ave.
Bunje, Chas., Jr., 14 Webster Ave.
Chapman, Alexander, 3635 Boulevard.
Church, Herbert B., 242 Montgomery St.
Davey, Warren, 129 Sipp Ave.
Dear, Wm. Y., 146 Belmont Ave.
Dickinson, G. K., 278 Montgomery St.

Dinkel, Geo., 88 Summit Ave.
Ducommun, Edw., 179 Harrison Ave.
Durrie, C. N., 306 Academy St.
Fielder, Geo. B., 11 Clifton Pl.
Freeman, F. C., 79 Reservoir Ave.
Furman, Geo. B., 37 Waverly St.
Gurney, H. F., 14 Belmont Ave.
Hulse, Geo. E., 255 8th St.
Inglis, Robt. N., 31 Claremont Ave.
Jenkins, M. C., 26 Bentley Ave.
Jennings, R. P.
Johnson, Luther H., 43 Astor Pl.
Kiernan, P. H., 362 Pacific Ave.
Lembeck, Otto A., 148 Lembeck Ave.
MacNaughton, Malcolm, 10 Park St.
Mallalieu, W. E., 62 Monticello Ave.
Meyer, E. H., 145 Hopkins Ave.
Myers, Chas. H.
Nichols, F. W., 305 Arlington Ave.
Peterson, Reinhold, 58 Clarke Ave.
Raque, Philip E., 80 Borraem Ave.
Reese, F. I., United R. R. of N. J., P. R. R.
Sidman, Alfred G., 70 Madison Ave.
Spies, Albert, 40 Glenwood Ave.
Stueck, Geo. H., 59 Reservoir Ave.
Waldeck, L. E., 132 Prospect St.
Whitney, Oscar C., 307 Fairmount Ave.

Jersey City Heights (N. J.)

Charavay, Marius A., 225 Palisade Ave.
Graupner, Paul C. A., 457 Germania Ave.

Madison (N. J.)

Burnet, Edgar E., 83 Prospect St.

Maplewood (N. J.)

Mayer, Alfred G.

Maywood (N. J.)

Lydecker, Kenneth.
Lydecker, Leigh K.
Van Saun, P. Edwin.

Milburn (N. J.)

Renwick, Edward B.

Millington (N. J.)

Taff, Fredk. N.

Montclair (N. J.)

Allan, Percy, Irwin Park.
Benedict, Harding, 150 Claremont Ave
Chapin, Warren W., 46 Upper Mountain Ave.

Fanning, W. S., 23 Clover Hill Pl.
Harrison, E. M., 31 Mountain Ave.
Harrison, Harold, 31 Mountain Ave.
Hutchings, C. F., 171 Orange Road.
Merritt, Chas. F., 41 Gates Ave.
Meyer, Henry C., Jr.
Miller, Arthur B., 47 S. Fullerton Ave.
Peirce, J. Royden, 54 S. Mountain Ave.
Smith, Merrill Van G.
Vreeland, Fredk. K., 39 S. Fullerton Ave.
Webster, Hosea.

Upper Mountain (N. J.)

Jewell, Theodore E., 133 Bellevue Ave.
Littlejohn, Kenneth S.

Morristown (N. J.)

Ames, Joseph B.
Bushnell, Douglas S., 11 James St.
Griswold, Harold E.
Halliday Wm. R., 37 Early St.
Hoffman, Samuel V.
Lidgerwood, James G.
Lidgerwood, John H.
Smith, P. H. F.
Thomas, W. W., 42 Elm St.
Whitney, A. R., Jr.

Newark (N. J.)

Backus, R. G., 291 Broad St.
Baldwin, R. S., 23 James St.
Bedell, Edgar H., 269 Clinton Ave
Chadwell, Wm. H., 26 Front St.
Chewning, W. L., 80 Park Pl.
Collyer, Chas. F., Watts Campbell Co.
Corwin, Wm. S., 112 Lincoln Ave.
Crowell, Henry W., 99 Quitman St.
Dickerson, W. H., 208 Summer Ave.
Dilworth, Wm. S., 203 N. 7th St.
Everett, Lynn C., 107 Court St.
Fraentzel, Fredk. C., 183 Washington Ave.
Hagar, Arthur P,, 273 Montclair Ave.
Harrington, H. G., 39 Pacific St.
Haussling, Joseph, 307 Belleville Ave.
Howell, John W.,, 211 Ballatine Parkway.
Keepers, Edgar S., 25 Burnet St.
Knight, Geo. W., 493 Clinton Ave.
Kornemann, Henry A., 82 Seymour Ave.
Maul, Wm. C., 45 Bridge St.
Neefus, H. V. H., 115 Orchard St.
Parsons, W. E., 134 Third Ave.

Pryor, Frederick L., 199 Roseville Ave.
Pryor, Robt. W., 199 Roseville Ave.
Reed, Henry T., 88 N. 9th St.
Richardson, Geo. P., 459 High St.
Richtberg, Hermann A., 93 S. 12th St.
Schaaf, R. A., 219 S. 7th St.
Schuetz, F. F., 55 Johnson Ave., 65 Hedden Terrace.
Smith, E. Burton, 78 N. 11th St.
Terry, Thomas L., 1007 Broad St.
Thomson, Wm. I., 136 Summer Ave.
Tucker, Benjamin W., 784 Highland Ave
Weichert, Arnold E., 224 E. 5th St.
Weichert, Max J., 62 N. 6th St.
Weston, Edward, 645 High St.
Williamson, James A., 459 High St
Woolson, C. G., 21 Court St.
Zusi, Leonard B., 263 S. 7th St.
Zusi, Norman E., 263 S. 7th St.

New Brunswick (N. J.)

Carpender, Moncure C.

Nutley (N. J.)

Kingsland, Chas. S.
Kingsland, Joseph.

Oradell (N. J.)

Blauvelt, C. D.

Orange (N. J.)

Raphel, Henry J., 486 Center St.
Quimby, Wm. E., 64 High St.
Whitcomb, H. D., Jr., 14 New England Terrace
Wilson, A. R., 38 Ridge St.

East Orange (N. J.)

Anderson, Harold W., 56 Evergreen Pl.
Assmann, F. P., 155 N. Grove St.
Baker, I. F., 18 S. Clinton St.
Berg, Howard M., 200 Glenwood Ave.
Berg, Louis De L., 33 Brighton Ave.
Boller, A. P., Jr., 35 Prospect St.
Campbell, Edw., 33 Munn Ave.
Carey, Paul C., 72 S. Grove St.
De Hart, J. S., Jr., 12 Essex St.
Dixon, J. Alfred, 29 N. Walnut St.
Dixon, R. M., 21 Walnut St.
Douglas, Edwin R., 107 N. 19th St.
Flack, J. Day, 80 Carleton St.
Hedden, Viner J., 53 S. Maple Ave.
Henry, J. S., 26 Washington St.
Hickok, Henry A., 550 Springdale Ave.

Jackson, Francis E., 125 S. Grove St.
Jackson, Henry W., 46 S. Maple Ave
Law, Frank E., 242 William St.
Ludlow, Wm. O., 47 Hawthrone Ave.
McElroy, J. A.. 200 Midland Ave.
Pratt, H. A., 26 William St.
Staples, Wm. O., 127 N. Maple Ave.
String, J., Jr., 130 Arlington Ave.
Suhr, Curt, 94 Halsted St.
Todd, Geo. L., 49 Watson Ave.
Towne, Jos. M., 54 Walnut St.
Zimmermann, H. D., 176 Prospect St.
Zimmermann, Wm. F., 176 Prospect St.

S. Orange (N. J.)

Backus, Richard A.. 65 Arnold Terrace.
Benbrook, J. Jr., 105 Milligan Place.
Jennings, W. H.
Krantz, K. T., 211 Prospect St.
Self, Edw. D.
Turner, J. K., 124 Irvington Ave.
Watkins, Howard, Walton Road.
Yereance, Wm. B., 418 Center St.

West Orange (N. J.)

Grady, Chas. B., 417 Gregory Ave.

Passaic (N. J.)

Alden, James S., 470 River Drive.
Anderson, Richard T., 105 Gregory St.
Appleton. H. W., 335 Lafayette Ave.
Dates, Frederic D., 211 Lexington Ave.
Decker, Edwin L., Uehling Decker Co.
Ennis, J. E., 233 Pennington Ave.
Lenone, Jose M., 260 Lafayette Ave.
Lyall, Wm. L., 146 Meade Ave.
Merrick, Herbert L., 295 Gregory Ave.
Uehling, Edw. A., 199 Franklin Ave.

Paterson (N. J.)

Cooke, Fred W., 384 Broadway.
Cooke, John S.. 364 Broadway.
Eastwood, James, 300 Straight St.
Herwitt, Geo., 310 E. 32d St.
Hughes. R. G., 166 Hamilton Ave.
Royle, V. E., 618 East 28th St.
Trautvetter, Chas., Trautvetter Bros.
Van Houten, C. M., 713 E 27th St.
Van Winkle, F.. Cott Bldg.
Walder, Jacob, Jacob Walder's Reed & Harness Mill

Phillipsburg (**N. J.**)
Ingham, Wm. G., 215 Lewis St.

Plainfield (**N. J.**)
Ball, Frederick O., 44 Washington Ave
Dale, O. G., 231 E. 7th St.
Hall, Robt. E.
Hollingsworth, S. 171 E. Front St.
Lewis, Nathan E., 822 Arlington Ave
Scribner, Chas. W., Park Ave.

Rahway (**N. J.**)
Plum, Frank H , 169 Milton Ave.

Raritan (**N. J.**)
Kenyon, C. C.,

Red Bank (**N. J.**)
Mount, Ralph H., 58 Maple Ave.

Ridgefield (**N. J.**)
Jacobus, R. F.

Ridgewood (**N. J.**)
Graydom, Samuel D.
Lane, Harold B., Box 136.

Roselle (**N. J.**)
Atkins, Harold B.

Rutherford (**N. J.**)
Pfordte, Otto F.

Scotch Plains (**N. J.**)
Layat, Felix.

Seabright (**N. J.**)
Graham, Frank D.

Summit (**N. J.**)
Darby, John, 340 Springfield Ave.
King, Wm. R., 17 Fernwood Road.
Leddell, W. A., 39 Oak Ridge Ave.

Tenafly (**N. J.**)
McKinlay, H. de L.
Torrance, Henry, Jr.

Trenton (**N. J.**)
Chasteney, C. D.
Everitt, Frank C., 17 Murray St.
Hewitt, Wm., 471 Hamilton Ave.
Hillman, LeRoy A., 61 Carroll St.
Maxfield, H. H., 835 Edgewood Ave

Taylor, H. G., 155 E. Front St.
Voigtlander, O. F., 713 W. State St.

Union Hill (N. J.)
Cruthers, Thos., 203 Palisade Ave.
Riesenberger, A., 546 Union Place.

Verona (N. J.)
Condit, F., Everitt.

Weehawken (N. J.)
Bonn, Hillric J.
Bowe, J. E., 34 First St.
Lott, Samuel H., 15 Fourth St.
Meeks, Howard V.

West Hoboken (N. J.)
Bernard, Harry T., 317 Stevens St.
Norris, Henry Lee, 51 Palisade Ave.
Sander, Robt. H., 721 Hill St.

Wyoming (N. J.)
Williamson, Geo. D.

NEW MEXICO.

Flora Vista (N. M.)
Brookfield, A. B.

NEW YORK.

Astoria (N. Y.)
Lawrence, W. F., 223 Grand Ave.
Morris, W. C., 111 Woolsey St.
Scott, Fred E., 846 Boulevard.

Bensonhurst (N. Y.)
Kemble, Edmund, Bay 38th St.

Brewster (N. Y.)
Lent, Leon Brewster.

Cherry Creek (N. Y.)
Hunt, Chas. H., Chautauqua Co.

Brooklyn (N. Y.)
Allaire, Alexander, 469 Willoughby Ave.
Billings, A. W., 538 E. 24th St.
Blaisdell, Chas. O., 1075 Bushwick Ave.
Boody, Alvin, The Mansion, Prospect Park.
Braine, B. G., 67 First Pl.
Branch, G. Irving, 292 Prospect Pl.
Brinckerhoff, Alex G., 459 Putnam Ave.
Brooks, R. D., 1344 Pacific St.
Corbin, David, 296 McDonough St.

Cremer, James M., 170 Gates Ave.
Darbee, Wm., 574 Bedford Ave.
Dix, Walter S., 50 Pineapple St.
Doughty, W. F., 1498 Pacific St.
Field, Cornelius J., 1294 Dean St.
Flannery, Wm., 159 Congress St.
Foster, Frank W., 17 S. Portland Ave.
Frank, Emil H., 21 Montgomery Pl.
Fulton, J. Hurst, 306 Stuyvesant Ave.
Gunagan, R. H , 193 Carlton Ave.
Hackstaff, J. D., 282 Jefferson Ave.
Hagerty, Walter W., 720A Quincy St.
Healy, Raymond, 26 S. Oxford St.
Hegeman, John C., 32 Orange St.
Hoffman, Chas. S., 354 Henry St.
Hoffman, Howard, 356 Henry St.
Hoxie, W. D., 298 Washington Ave.
Hyatt, Herbert R., 307 Decatur St.
Idell, F. E.
Leavitt, F. M., 17 Adams St.
Leonhard, Theo. S., Prospect Ave. and Pringle St.
Lewis, Arthur S., 378 Sterling Place.
Lexow, Allan T., 722 St. Marks Ave.
Litchfield, E. D., Blythebourne.
Litchfield, Norman, 406 16th St.
Litchfield, Percy, 13th Ave. and 53d St.
Lozano, Carlos A., 943 Bedford Ave.
Martin, Geo. W., 245 Carroll St.
Martin, Kingsley L., 194 Berkeley Pl.
McGahie, F. H., c/o E. W. Bliss Co.
McGowan, Henry E , Caton Ave. and Rugby Road Flatbush
Morley, C. N., 171 Albany Ave.
Nash, Lewis H., 248 Gates Ave.
Paulson, Wm. E, 490 Seventh St.
Peck, Chas. B., 529 Monroe St.
Pope, O. A., 946 President St.
Pratt, Auguste G., 1166 Pacific St.
Prince, Duffield, 868 Flatbush Ave.
Reeve, H. E., 78 Hancock St.
Ruprecht, L., 646 Tenth St.
Sanborn, Francis M., 47 Brevoort Pl.
Seeligsburg, L. W., 180 Garfield Ave.
Shaw, John C., 150 Hicks St.
Shiebler, Marvin, 278 Berkeley Pl.
Shoudy, W. A., 200 McDonough St.
Siegele, August, 167 Lenox Road, Flatbush.
Sinclair, J, J., 752 Westminster Road, Flatbush.
Slipper, Chas. J., 138 Hancock St.
Stack, Maurice F., 147 Bay 16th St.
Tischner, Chas. F., Jr., 541 Eighth St.

Topping, Howell, 489 Willoughby Ave.
Torrance, Kenneth, 225 Logan St.
Tuttle, Willard S., 18 St. James Pl.
Welles, Edw. R., 480 Greene Ave.
Wells, Pierson L., 86 Joralemon St.
Wreaks, Hugh T., Crescent Athletic Club, Clinton St.
Wright, H. M., 160 Seventh St.
Wynkoop, Herbert S., 1574 50th St.
Zeaton, S. Chas., 471 Ninth St.

Buffalo (**N. Y.**)

Calisch, J. C., Hotel Touraine.
Elliott, Theodore A., Buffalo Bolt Co.
Gould, M. D., 357 N. Division St.
Gray, C. B., 271 Franklin St.
McCullough, Chas. H., Lenox Hotel.
Wagner, J. H., 131 W. Chippewa St.

Long Island (**N. Y.**)

Atwater, C. G., Bayside.
Carll, B. W., Northport.
Duer, J. V. B., Hempstead.
Haight, Robert Stanley, Amityville.
Hann, Robert A., Flushing.
Harvey, D. C., Merrick.
Hubert, P. A., Bellport.
Kellogg, Ernest D., 247 Oak St., Richmond Hill.
Overton, F. F., Peconic.
Post, Henry W., 507 Maple St., Richmond Hill.
Schramme, John T., Manhasset, Nassau Co.
Seely, Fredk., Topographical Dept., Borough of Queens.
Tweedy, Jas. A., Babylon.
Wallis, Philip, Richmond Hill.

Clinton, Oneida Co. (**N. Y.**)

Kingsford, R. T.

College Point (**N. Y.**)

Schlesinger, Alfred H., 10th St., near Ave. G.

Cold Spring, Putnam Co. (**N. Y.**)

Campbell, Grant.

Dunkirk (**N. Y.**)

Stevens, F. R., American Locomotive Co.

Fulton Chain, Herkimer Co. (**N. Y.**)

De Camp, Lyon.

Grand View on Hudson (**N. Y.**)

Gunther, Chas. O.

Hopewell Junction (N. Y.)
Rapelje, John.

Massena (N. Y.)
Bumsted, E. Bradford.

Mt. Vernon (N. Y.)
Le Page, Clifford B., 46 S. 12th St.

Newburgh (N. Y.)
Aspinwall, John.

New Brighton (N. Y.)
Stanley. Robt. C., 9 Phelps Pl.

New Rochelle (N. Y.)
Birdsall, Edw. T., 170 Woodland Ave.
Church, Chas. T., Davenport Neck.
Emmet, C. Temple, 247 Main St.
Woodbury, Daniel C., 87 Centre Ave.

Niagara Falls (N. Y.)
Rose, Rudolph V., 212 First St.

Olean (N. Y.)
Schimmel, John, Jr.

Oneonta (N. Y.)
Ennis, Wm. D., 20 Watkins Ave.

Ossining (N. Y.)
Merriam, Lyman L., c/o Wm. Brandreth.

New York City (N. Y.)
Ackerman, Wm. S., 156 Fifth Ave.
Allen, M. W., Consolidated Gas Co.
Anderson, R. M., 120 W. 59th St.
Armitage, F. W., 142 W. 131st St.
Baird, Wm. R., 63 W. 83d St.
Baldasono, Arthur, 472 Manhattan Ave.
Baldwin, C. L., 7 W. 76th St.
Balz, George A., 113 E. 14th St.
Bang, A. C., 619 W. 136th St.
Bang, Henry A., 308 W. 58th St.
Beard, Maxmillian C., 219 W. 106th St.
Benjamins, Israel, 225 East Broadway.
Benns, Chas. P., 416 W. 118th St.
Bensal, J. A., Pier A, North River.
Boettger, Robert, 55 Lafayette Boulevard.
Bolton, H. L., 104 W. 70th St.
Borland, L. J., 35 Nassau St.

Boucher, Wm. J., 371 W. 120th St.
Brachvogel, John K., 1270 Madison Ave.
Brinckerhoff, H. M., 60 Wall St.
Bristol, Wm. H , 45 Vesey St.
Broadhurst, Wm. G., 476 W. 141st St.
Bruckner, R. E., 227 Riverside Drive.
Bruen, G. E., 231 W. 69th St.
Buckenham, A. G., 236 W. 132d St.
Butterworth, Samuel F., 504 W. 112th St.
Campbell, Donald, 56 Pine St.
Campbell, N. St. G., 91 Wall St.
Carter, Russell S., 130 E. 24th St.
Cartwright, James A., 258 11th Ave.
Chadwell, Geo. H., 415 W. 118th St.
Christy, C. Roland, 149 Broadway.
Christy, J. L., 438 W. 116th St.
Church, Warren D., 272 Manhattan Ave.
Clark, Howard B., 335 W. 51st St.
Coley, Clarence T., 49 W. 57th St.
Coster, Maurice I., 430 W. 116th St.
Coyne, F H., 80 Broadway.
Cuming, Thos. B., 5 E. 19th St.
Dalrymple, F. C., 135 W. 22d St.
Dashiell, Wm. W., 848 St. Nicholas Ave.
Delafield, Eugene L., 17 E. 36th St.
De Lamater, Oakley R., 39 W. 90th St.
Dow, Alexander, 104 W. 45th St.
Ellinger, Edgar, 108 W. 141st St.
Ellsworth, Oliver, 191 Madison Ave.
Elson, Louis E , 15 W. 91st St.
Everett, Chas. J., 200 W. 99th St.
Falk, Myron S., 44 W. 53d St.
Fendrich, Valentine, 730 Tenth Ave.
Fezandie, Hector, 165 E. 65th St.
Field, W. B. O., 645 Fifth Ave.
Fox Wm., 555 E. 86th St.
Fridenburg, H. L., Broadway and 23d St.
Furman, J. R., 17 Battery Pl., c/o Otis Elevator Co.
Gallaher, E. B., Hotel Regent, 70th St. and Broadway.
Garcia, C., Cooper Union Institute.
Gerdes, Henry, 5 Van Nest Pl.
Gerdes, T. R. N., 5 Van Nest Pl.
Gibbs, George, 15 E. 48th St.
Gibson, Wm., Worthington Pump Co.
Gierisch, Otto F., 935 E. 137th St.
Gilmore, J. W., 118 W. 91st St.
Glasgow, Arthur G., 31 Nassau St.
Gordon, H. C.
Gubelman, F. J., 12 E. 31st St.
Guttin, Henry, 424 W. 20th St

Hake, A. R., 134 Essex St.
Hall, A. H., 1815 Webster Ave.
Hausmann, F. Wm., 232 W. 101st St.
Hays, David, 88-90 Gold St.
Henning, Gus C., 521 W. 142d St.
Herb, Arthur, 47 W. 89th St.
Hidden, Chas. P., 13 E. 31st St.
Hill, N. S., 100 William St.
Hinkle, Eugene E., 416 W. 150th St.
Horton, E. Q., 88 Wall St.
Humphreys, Alex. C., 160 W. 59th St.
Hupfel, Adolph G., 9 W. 86th St.
Hussey, Wm. E., 752 West End Ave.
Jalien, John J., 257 W. 118th St.
Jones, F. C., 3 W. 74th St.
Kelly, Olaf M., 117 E. 59th St.
Kennedy, Frederick D., 19 W. 74th St,
Kidde, Walter, 95 Liberty St.
Koch, Frank A., 173d St. and Riverside Drive.
Kreischer, John B., 51 E 60th St.
Kuper, George H., 435 W. 21st St.
Kursheedt, R. S., 356 West Broadway.
La Fetra, Harry L., 223 E. 17th St.
Lawton, H. D., 25 Nassau St.
Leserman, Philip, Jr., 157 W. 124th St.
Lewis, E. D., 29 W. 34th St.
Lieb, John W., Jr., 869 West End Ave.
Lienau, J. Henry, 234 Central Park West.
Loewenherz, H., 1376 Lexington Ave.
Loewy, George J., 1235 Union Ave.
Lorsch, Edwin S., 2 W. 89th St.
Lunger, W. G., 26 Cortlandt St.
Luqueer, Robert O., 504 W. 112th St.
Macdonald, James V., 139 W. 44th St.
MacGregor, W. H., 370 W. 116th St.
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McLean, Embury, 195 Broadway.
McLean, North, 195 Broadway.
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Messimer, Robert L., 23 E. 44th St.
Mitchell, H. F., 154 E, 22d St.
Murphy, Edw., Jr., 409 W. 147th St.
Muschenheim, F. A., 206 W. 45th St.
Mylius, R. W., 329 W. 34th St.
Nathan, Alfred, 36 E. 72d St.

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Ogden, Fred D., 147-149 Cedar St.
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Parsons, H. de B., 294 Madison Ave.
Parsons, W. P., 51 Wall St.
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Post, Andrew J., 209 W. 139th St.
Post, Lionel, c/o James Biggs & Co., 109 Liberty St.
Post, Wm. C., 44 E. 23d St.
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Prentiss, Henry S., 49 Dey St.
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Pulsford, E., 95 Liberty St.
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Randolph, W. W., 31 Nassau St.
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Robinson, Herman, 55 W. 126th St.
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Van Vleck, John, 100 Broadway.
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Wolff, A. R., 87 Nassau St.
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Woodman, Durand, 127 Pearl St.
Worth, B. G., 95 Liberty St.
Wright, D. A., 263 W. 88th St.
Zimmermann, H. C., 17 Battery Pl.

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Marvin, Richard H., 858 Union St.
Sander, Geo. H., 20 South Wendell Ave.
Starr, H. W., 18 Union St.
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Manley, R. E., Hanover Light, Heat & Power Co.

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Haworth, J. F., 701 Liberty St.
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Plyer, Geo. G., 7428 Boyer St.

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Shanghai (China).
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Camagney (Cuba).
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Cabrera, Frederick.

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Patterson, W. P., c/o Central San Cristobal.

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Kerr, C. V., Chief Engineer, Kerr Turbine Co., Wellsville, N. Y.
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Renwick, W. W., 39 West 27th St., N. Y. City.
Upjohn, Hobart B., 1133 Broadway, N. Y. City.

Architects, Naval

Bates, George H., Chief Engineer, Buirlee Dry Dock Co., Port Richmond, Staten Island, N. Y,
Ebsen, Henry L., W. & A. Fletcher Co., Hoboken, N. J.
Lewis, Arthur S. Dept. of Construction and Repairs, Brooklyn Navy Yard, Brooklyn, N. Y.
Orr, Alex. M., Jr., Henry J. Gielow, 50 Broadway, N. Y. C.
Stahl, Albert W., Navy Dept., Washington, D. C.
Stevens, E. A., Jr., Cox & Stevens, Morris Bldg., 66 Broad St., N. Y. City.
Van Vleck, Frank, Navy Department, Washington, D. C.
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Backus, Richard A., Eidlitz & McKenzie, Townsend Bldg., 1123 Broadway, N. Y. City.
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Post, Andrew J., Sec'y and Chief Engineer, Post & McCord, 44 E. 23d St., N. Y. City.
Post, Robert C., Post & McCord, 44 E. 23d St., N. Y. City.

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Beyer, Richard, Partner to T. H. McCann, 2d National Bank Bldg., Hoboken, N. J.

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Rivero, Ricardo J., Asst. Manager, V. Rivero, Successor, El Cercado, N. L., Mexico.

Asbestos

Benedict, Harding, R. A. Keasbey Co., 100 N. Moore St., N. Y.C.

Asphalt

Sidman, Alfred G., L. B. Stillwell, 100 Broadway, N. Y. City.

Assayers

Hagstoz, Arthur T., Keystone, Philadelphia & American Watch Case Co., Riverside, N. J.
Stillman, Thos. B., Prof. of Engineering Chemistry, Stevens Institute, Hoboken, N. J.
Terry, Thomas L., Vice-Pres., Wm. F. Renziehausen Co., 45 Oliver St., Newark, N. J.

Attorneys at Law

(See Lawyers.)

Automatic Machinery

Tucker, Benjamin W., 145 Liberty St., N. Y. City.

Automatic Stokers

Aldrich, Roger C., Sec'y, Duryea Power Co., Reading, Pa.
Hutchins, Gordon L., The Am. Stoker Co., Salt Lake City, Utah.
Van Brunt, John, Lester Vanderlip Furnace Co., 120 Liberty St., N. Y. City.

Automobiles

Bates, Chas. J., Jr.. N. Y. Edison Co., 55 Duane St., N. Y. City.
Birdsall, Edward T., Pres. and Chief Engineer, Birdsall Automobile Co., 302 Broadway, N. Y. City.
Burnet, Edgar E., J. G. White & Co., 43 Exchange Pl., N. Y. C.
Coster, Maurice I., Westinghouse Elec. & Mfg. Co., Paris, F.
Cuntz, Herman F., Electric Vehicle Co , Hartford, Conn.
Hasbrouck, Stephen A., Hasbrouck Motor Works, 115 Water St., New London, Conn.
Hillman, LeRoy A., Kobusch Automobile Co., 5300 N 2d St., St. Louis, Mo.
Lindenkohl, Henry, American Locomotive Automobile Co., Providence, R. I.
Meeks, Howard V., Treas., The Union Automobile Co., 101 Main St., Town of Union, N. J.
Morris, A. Saunders, Partner to P. H. Morris, 1501 S. Front St., Philadelphia, Pa.
Riege, Rudolph, Electric Vehicle Co., Hartford, Conn., and Treas., Wachter Mfg. Co., Hartford, Conn.
Sanders, Lewis, General Electric Co., Schenectady, N. Y.
Zusi, Leonard B , Calvert Zusi Auto Co., 215 Clinton Ave., Newark, N. J.

Automobile Parts

Mott, Chas. S., Pres. and General Manager, Weston Mott Co., Flint, Mich.

Axles

Drummond, E. N., Drummond Mfg. Co., 1216 W. Main St., Louisville, Ky.

Babbitt Metals

Kelly, Moore, District Mgr., Ajax Metal Co., 2d National Bank Bldg., Pittsburg, Pa.

Ball Bearings

Boller, A. P., Jr., Genl. Mgr., Chapman Double Ball Bearing Co. of America, 40 Bristol St., Boston, Mass.

Bankers

Cooke, John S., V.-P., Paterson National Bank, Paterson, N. J.
Echeverria, Ricardo J., 5d Ave. Sur. No. 62, Guatemala City, Guatemala
Fielder, George B., Teller, The Trust Co. of New Jersey, 12 Hudson Place, Hoboken, N J.
Johnson, J. E., Bookkeeper, Cordele National Bank, Cordele, Ga.
Longstreet, J. H., Proprietor, Riverview Iron Works, Bordentown, N. J.
Toby, E. M., Asst. Cashier, Canal La Bank and Trust Co., New Orleans, La.
Wheatley, Crawford, Americus, Ga

Barrel Manufacturing

Powell, Wm. B., Genl. Supt., Worcester Salt Co., Silver Springs N. Y.

Batteries, Electric

Whitlock, E. H., Asst. Supt., National Carbon Co., Cleveland, O.

Batteries, Electric Storage

Smith, Annesley DeLos, 156 Fifth Ave., N. Y. City.
Woodbridge, J. Lester, The Electric Storage Battery Co., 19th St. and Allegheny Ave., Philadelphia, Pa.

Beet Sugar Machinery

Beale, Frederick W., Continental Construction Co., 221 McPhie Bldg., Denver, Colo.

Beet Sugar Manufacturer

Bradley, Edgar L., Pacific Sugar Construction Co., Hamilton, Glenn Co., Cal.

Belt Conveyors

Vidal, Philip, Robins Conveying Belt Co., Park Row Bldg., N. Y. City.
Woolson, C. G., Robins Conveying Belt Co., Park Row Bldg., N. Y. City.

Belt Lacing, Steel

Bristol B. B., Vice-Pres. and Sec'y, The Bristol Co., Waterbury, Conn.
Bristol, Wm. H., Stevens Institute, Hoboken, N. J.

Billing Machines

Beard, M. C., Elliott-Fisher Co., 329 Broadway, N. Y. C.

Biscuit Manufacturer

Potbury, Alfred H., Pacific Coast Biscuit Co., Portland, Ore.

Blast Furnaces

Brown, Willard, Garrett Cromwell Engineering Co., 1404 New England Bldg., Cleveland, O.
Dietz, Carl Fr., Supt., Lunkwitz Reduction Co., Warren, Crafton Co., N. H.
Hamilton, Alex. K., Chief Engineer, Steel Works, Milliken Bros., 11 Broadway, N. Y. City.
Jones, Robert R., Supt., The Antikokan Iron Co., Ltd., Port Arthur, Ontario.
Ladd, James B., Real Estate Trust Bldg., Philadelphia, Pa.
Percy, John C., Supt. of Roaster Dept., Edison Portland Cement Co., Stewartsville, N. J.
Pierce, James B., Genl. Supt., Sharpsville Furnace Co., Sharpsville, Pa.
Shoemaker, Wm. E., 346 Maple St., Springfield, Mass.
Uehling, Edw. A., 135 Broadway, N. Y. City, or Uehling-Decker Co., Passaic, N. J.

Blowers and Exhaust Fans

Chasteney, C. D., Sales Mgr., De Laval Steam Turbine Co., Trenton. N. J.
Kerr, C. V., Chief Engineer, Kerr Turbine Co., Wellsville, N. Y.
Peck, Chas. B., Manager, B. F. Sturtevant Co., 131 Liberty St., N. Y. City.
Pryor, Robt. W., Buffalo Forge Co., 39 Cortlandt St., N. Y. C.
Seeman, Edgard G., Mgr., S. Obermayer Co., 120 Liberty St, N. Y. City.

Blue-Printing Apparatus

Everett, Chas. J., Vice-Pres. and Treas., Revolute Machine Co., 517 W. 45th St., N. Y. City.

Boat Builders

Benns, Chas. P., Instructor in Shop Work, Teachers' College, Columbia Univ., N. Y. City.
Frank, Emil H., Jr., Electric Launch Co., Bayonne City, N. J.
Hasbrouck, Stephen A., Hasbrouck Motor Works, 155 Water St., New London, Conn.

Boilers

Antz, Oscar, General Foreman, Lake Shore & Michigan Southern Ry., Elkhart, Ind.
Bates, George H., Chief Engineer, Buirlee Dry Dock Co., Port Richmond, Staten Island, N. Y.
Furman, George B., L. O. Koven & Co., 50 Cliff St., N. Y. City.
Grelle, Chas. Edw., Vice-Pres. and Mgr., Williamette Boiler Works, 4th and Glisan Sts., Portland, Ore
Hart, B. Franklin, Jr., B. Franklin Hart, Jr., & Co., 143 Liberty St., N. Y. City.
Hoxie, W. D., Vice-Pres., Babcock & Wilcox Co., 85 Liberty St., N. Y. City.
Idell, F. E., Harrison Safety Boiler Works, 26 Cortlandt St., N. Y. City.
Jenkins, M. C., Eastern Sales Agent, Abendroth & Root Mfg. Co., 99 John St., N. Y. City,
Joubert, Fred. L., Payne & Joubert, New Orleans, La.
Machold, Chas. E., Machold & Riddell, 1020 Stephen Girard Bldg., Philadelphia, Pa.
Walton, Druid A., Genl. Mgr, C. J. Walton & Son, 1219 W Main St,, Louisville, Ky.

Boiler Coverings

Benedict, Harding, R. A. Keasbey Co., 100 N. Moore St., N. Y. C.

Boiler Testing

Charavay, Marius A., N. Y. Edison Co., Waterside, 1st Avenue and 38th St., N. Y. City.

Boilers, Water Tube

Pratt, Auguste G., The Babcock & Wilcox Co., Bayonne, N. J.

Bolts

Chapman, Alexander, Rail Joint Co., 29 W. 34th St., N. Y. City.

Bolt and Nut Manufacturers

Elliott, Theodore A., Buffalo Bolt Co., Buffalo, N. Y.
Leverich, Jerome W., Scranton Bolt and Nut Co., Scranton, Pa.

Book Binders

Dear, Wm. Y., Sec'y, 37 Montgomery St., Jersey City, N. J.

Bottling Apparatus

Mott, Chas. S., Pres. and Genl. Mgr., Weston Mott Co., Flint, Mich.

Brakes

Denton, Waldo E., N. Y. Air Brake Co., Watertown, N. Y.
Streeter, L. P., Asst. Brake Inspector, Southern Pacific Co., Los Angeles, Cal.

Brass and Bronze Bearings

Kelly, Moore, District Mgr., Ajax Metal Co., 2d Natl. Bank Bldg., Pittsburg, Pa.

Brass Founders and Finishers

Bates, George H., Chief Engineer, Buirlee Dry Dock Co., Port Richmond, Staten Island, N. Y.
Brett, Harvey, Supt., Rochester Valve Co., Rochester, N. Y.
Everett, Frank C., J. L. Mott Co., Trenton, N. J.
Kelly, Moore, District Mgr., Ajax Metal Co., 2d Natl. Bank Bldg., Pittsburg, Pa.
Prince, W. B., Bishop & Babcock Co., Cleveland, Ohio.
Van Atta, Harry, Supt., J. L. Mott Iron Works, 2413 Third Ave., N. Y. City.

Brass Rolling Mills

Erdman, Albert W., Supt., Randolph-Clowes Co., Waterbury, Conn.

Brass, Wires and Metal Goods

Church, Herbert B., Supt., Consolidated Safety Pin Co., Bloomfield, N. J.

Brewer

Hupfel, Adolph G., Supt., J. Chr. G. Hupfel Brewing Co., 229 E. 38th St., N. Y. City.
Lembeck, Otto A., Supt., Lembeck & Betz Eagle Brewing Co., 173 Ninth St., Jersey City, N. J.

Bricks

Church, Austin, Sec'y, Sibley Quarry Co. and Vice-Pres., Sibley Brick Co., Sibley, Wayne Co., Mich.
Jones, Frank C., Pres., W. A. Underhill Brick Co., 1 Madison Ave., N. Y. City.
Parish, Wm. H., Supt., Vetnor Brick Co., Atlantic City, N. J.
Seeman, Edgar G., Mgr., S. Obermayer Co., 120 Liberty St., N. Y. City.

Bridge Builders

Beyer, Richard, Partner to T. H. McCann, 2d Natl. Bank Bldg., Hoboken, N. J.
Cohen, Frederick Wm., Pennsylvania Steel Co., Steelton, Pa.
Cuntz, Wm. Cooper, Pennsylvania Steel Co., Steelton, Pa.
Freygang, Henry, Proprietor, Midland Bridge Co., Kansas City, Mo.
Guenther, Frederick A., United Engineering and Contracting Co., 32 E. 33d St., N. Y. City.
Hewitt, George, Passaic Steel Co., Paterson, N. J.
Litchfield, E. D., Member of firm, Lord & Hewlett, 16 E. 23d St., N. Y. City.
Robinson, Edw. W., Supt., Snare & Triest Co., 143 Liberty St., N. Y. City.
Willis, Paul, Sec'y, Kenwood Bridge Co., 1416 1st Natl. Bank Bldg., Chicago, Ill.

Brokers, Bond

Fanning, W. S., Tracy & Co., 41 Wall St., N. Y. City.
Smith, P. H. F., Lathrop & Smith, 37 Broad St., N. Y. City.

Broker, Business

Pierson, John V. L., Part Owner, Co-operative Realty & Investment Co., 1121 Land Title Bldg., Philadelphia, Pa.

Broker, General

Adger, John B., Pres. & Treas., Belton Power Co., and John B. Adger & Co., Belton, S. C.

Broker, Insurance

Lenssen, Arthur, Jr., Lenssen & Thompson, 68 William St., N. Y. City.
Wreaks, Chas. F., Partner in firm of Walker & Hughes, 29 Wall St., N. Y. C.

Broker, Stock

Rasmus, Wm. T., 27 William St., N. Y. City.

Broker, Yacht

Whitman. A. E., N. Y. Representative of Swasey, Raymond & Co., of Boston, Mass., 52 Broadway, N. Y. City.

Brushes, Generator and Motor

Whitlock, E. H., Asst. Supt., National Carbon Co., Cleveland, O.

Builders

Buerger Chas. B., Asst. Engineer, Atlantic Refining Co., 3144 Passyunk Ave., Philadelphia, Pa.
Hedden, Viner J., V. J. Hedden & Sons' Co., 431 Ogden St., Newark, N. J.
Hughes, R. G., Sec'y, J. W. Ferguson Co., United Bank Bldg., Paterson, N. J.
King, Wm. R., Mgr., Sanderson & Porter, 52 William St., N. Y. City.
Macdonald, James V., R. H. Macdonald & Co., 5 W. 31st St., N. Y. City.
Miller, Arthur B., Supt. of Construction, Walter Kidde, 85 Liberty St., N. Y. City.
Post, Robt. C., Post & McCord, 44 E. 23d St., N. Y. City.
Whitney, Alfred R., Jr., Pres , A. R. Whitney & Co., 135 Broadway, N. Y. City.

Building Materials

Meeks, Howard V., Sec'y, The Gardner & Meeks Co., 212 Union St., Town of Union, N. J.

Cables

Hewitt, Wm., Trenton Iron Co., Trenton, N. J.
Newell, Harvey E., India Rubber & Gutta Percha Insulating Co., Yonkers, N. Y.

Cables, Insulated

Reed, Henry D., Asst. Mgr., Bishop Gutta Percha Co., 420 E. 25th St., N. Y. City.

Caissons

Allaire, Alexander, Supt., The Foundation Co., 35 Nassau St., N. Y. City.
Freygang, Henry, Proprietor, Midland Bridge Co., Kansas City, Mo.
Gubelman, F. J., Pres. Eastern Construction Co. of New Jersey, and Vice-Pres. O'Rourke Engineering & Construction Co , 1 W. 34th St., N. Y. City.
Guenther, Frederick A., United Engineering & Contracting Co., 32 E. 33d St., N. Y. City.

Calcium Chloride

Botchford, Henry J., Mgr., Carbondale Machine Co., and Chemi, cal Co., 544 Tremont Bldg., Boston, Mass.
Chatard, Wm. H , Mgr., Carbondale Machine Co., and Chemical Co., 1412 Continental Trust Bldg., Baltimore, Md.
Hiller, N. H., Vice-Pres., Carbondale Machine Co., Carbondale, Pa.

Calculating Machines

Parsell, Henry V. A., Pres. and Treas., Parsell & Weed, 129 W. 31st St., N. Y. City.

Canned Goods

Hunt, Chas. H., Sec'y, David Hunt & Co., Cherry Creek, Chautauqua Co., N. Y.

Carbons

Cazin, O. K., National Carbon Co., Cleveland, O.
Whitlock, E. H., Asst. Supt., National Carbon Co., Cleveland O.

Carbon Brushes and Brush Holders

Baylis, Robt. N., The Baylis Co., 140 Washington St., N. Y. City.

Carbonating Apparatus

Davey, Warren, Chief Engineer, Colgate & Co., 55 York St , Jersey City, N. J.
Mott, Chas. S., Pres. and Genl. Mgr., Western Mott & Co., Flint, Mich.
Prince, W. B., Bishop & Babcock Co., Cleveland, O.

Carburetted Water Gas Plants

Angell, Frederic J., Humphreys & Glasgow, 38 Victoria St., London, S. W., Eng.

Cars

Antz, Oscar, General Foreman, Lake Shore & Michigan Southern Ry., Elkhart, Ind.
Buerger, Chas. B., Asst. Engineer, Atlantic Refining Co., 3144 Passyunk Ave., Philadelphia, Pa.
Gerdes, Henry T., W. H. Treadwell & Co., 95 Liberty St., N. Y City.
Litchfield, Norman, Interborough Rapid Transit Co., 98th St. and 3d Ave., N. Y. City.
Murphy, Benjamin S., Pennsylvania R. R., Altoona Machine Shops, Altoona, Pa.
Smith, Annesley DeLos, 156 Fifth Ave., N. Y. City.

Car Heaters

Chadwell, Geo. H., Safety Car Heating and Lighting Co., 160 Broadway, N. Y. City.
Dixon, R M., Vice-Pres., Safety Car Heating & Lighting Co., and Pintsch Compressing Co., 160 Broadway, N. Y. City.
Everett, Lynn Cory, Safety Car Heating & Lighting Co., 206 Erie St., Jersey City, N. J.
Henry, J. S., Safety Car Heating & Lighting Co., 160 Broadway, N. Y. City.
Hulse, George E., Safety Car Heating & Lighting Co., 206 Erie St., Jersey City, N. J.
Hoffman, Chas. S., Baker-Smith & Co., 83 W. Houston St., N. Y. City.
Sofio, E. C., Safety Car Heating & Lighting Co., 160 Broadway N. Y. City.
Westervelt, Arthur F.

Car Couplers

Bush, Samuel P., Vice-Pres. and Genl Mgr., Buckeye Steel Casting Co., Columbus, O.
Henry, J. S., Safety Car Heating & Lighting Co., 160 Broadway, N. Y. City.

Car Lighting

Chadwell, Geo. H., Safety Car Heating & Lighting Co., 160 Broadway, N. Y. City.
Dixon, R. M., Vice-Pres., Safety Car Heating & Lighting Co., and Pintsch Compressing Co., 160 Broadway, N. Y. City.
Everett, Lynn Cory, Safety Car Heating & Lighting Co., 206 Erie St., Jersey City, N. Y.
Henry, J. S., Safety Car Heating & Lighting Co., 160 Broadway, N. Y. City.
Hulse, Geo. E., Safety Car Heating & Lighting Co., 206 Erie St., Jersey City, N. J.
White, Henry C., Lowry Engineering Co., East Boston, Mass.

Car Seats (Leather)

Newell, Chas. Z., Federal Leather Co., 56 Union Square, N. Y. City.

Car Wheels

Moore, Albert B., Griffin Wheel Co., Chicago, Ill.

Castings

Anderson, St. Geo. M., Supt., Rolling Mills of Tredegar Co., Richmond, Va.
Chapman, Alexander, Rail Joint Co., 29 W. 34th St., N. Y. City.
Drummond, E. M., Drummond Mfg. Co., 1216 W. Main St., Louisville, Ky.
Eastwood, James, Pres. and Treas., Benj. Eastwood Co., 300 Straight St., Paterson, N. J.
Gerdes, Henry T., W. H. Treadwell & Co., 95 Liberty St., N. Y. City.
Hart, B. Franklin, Jr., B. Franklin Hart, Jr., & Co., 143 Liberty St., N. Y. City.
Joubert, Fred. L., Payne & Joubert, New Orleans, La.
Kelly, Moore, District Mgr., Ajax Metal Co., 2d Natl. Bank Bldg., Pittsburg, Pa.
Moore, Albert B., Griffin Wheel Co., Chicago, Ill.
Woodward, Arthur C., A. & F. Brown Co., Elizabethport, N. J.

Castings, Steel

Plaisted, H. M., American Steel Foundries, Granite City, Ill.

Casualty Companies

(See Insurance, Accident.)

Casualty Insurance Companies

Law, Frank E., 2d Asst. Sec'y, The Fidelity & Casualty Co., 97 Cedar St., N. Y. City.

Cement

Percy, John C., Edison Portland Cement Co., Stewartsville, N. J.
Sanson, H. R., Genl. Mgr., Southern Cement Co., Birmingham, Ala.
Sinclair, Arnold F., 1st Natl. Bank Bldg., Easton, Pa.

Chemicals

Church, Chas. Thomas, Asst. Sec'y, Church & Dwight Co., 63 Wall St., N. Y. City.

Chemical Experts

Jennings, Wm. J., R. W. Hunt & Co., 1121 The Rookery, Chicago, Ill.

Chemists, Analytical

Stillman, Thomas B., Prof. of Engineering Chemistry, Stevens Institute, Hoboken, N. J.

Chemists

Bennett, Frank, Worcester Gas Light Co., Gas Works, Worcester, Mass.
Chew, Roger, Chemical Department, Standard Oil Co., Bayonne, N. J.
Terry, Thos. L., Vice-Pres., Wm. F. Renziehaus n Co., 45 Oliver St., Newark, N. J.
Woodman, Durand, 80 Beaver St. and 127 Pearl St., N. Y. City.

Chimneys

Hickok, Henry Addison, Union Bldg., 9–15 Clinton St., Newark, N. J.
Hyatt, Herbert R., Custodis Chimney Construction Co., 99 Nassau St., N. Y. City.
Kellogg, Morris W., Pres., M. W. Kellogg Co., 143 Liberty St., N. Y. City.
Krantz, K. Theodore, Custodis Chimney Construction Co., 99 Nassau St , N. Y. City.
Walton, Druid A., Genl. Mgr., C. J. Walton & Son, 1219 W. Main St., Louisville, Ky.

Chimneys (Radial Brick)

Church, Warren D., Director, M. W. Kellogg, 143 Liberty St., N. Y. City.
Post, Lionel, James Biggs & Co., 109 Liberty St., N. Y. City.

Civil Service Examiner

Bonnett, Louis B., Municipal Civil Service Commission, 61 Elm St., N. Y. City.

Clergymen

Smith, Robt. K., Rector, Church of the Atonement, Westfield, Mass.

Clocks, Calendar

Prentiss, H. S., Pres. and Mgr., The Prentiss Clock Improvement Co., 49 Dey St., N. Y. City.

Coal Handling Machinery

Badenhausen, John P., Sec'y and Treas., Pacific Engineering Co., 75 Washington St., Seattle, Wash.
Broadmeadow, Wm. J., Asst. Supt., Clearfield Bit. Coal Corporation, Rossiter, Indiana Co., Pa.
Dale, O. G., Mgr., Mead-Morrison Mfg. Co., 11 Broadway, N. Y. City.
Flack, J. D., C. W. Hunt & Co., West New Brighton, N. Y.
Gildersleeve, David H , Sales Mgr., C. W. Hunt & Co., West New Brighton, N. Y.
Hutchings, C. F., Sprague Electric Co., Bloomfield, N. J.
Machold, Chas. E., Machold & Riddell, 1020 Stephen Girard Bldg., Philadelphia, Pa.
Merrick, Herbert L., Robins Conveying Belt Co., Passaic, N. J.
Percy, John C., Edison Portland Cement Co., Stewartsville, N. J.
Plum, Frank H., C. W. Hunt & Co., West New Brighton, N. Y.
Van Brunt, John, Lester Vanderlip Furnace Co , 120 Liberty St., N. Y. City.
Woolson, C. G., Robins Conveying Belt Co., Park Row Bldg., N. Y. City.

Cold Storage

DeHart, J. S., Jr., Pres., Isbell-Porter Co., 46 Bridge St., N. Y. City.

Coke and Gas Plants

Zimmermann, H. C., United Coke and Gas Co., 17 Battery Place, N. Y. City.

College Presidents

Aldrich, Wm. S., Thomas S. Clarkson Memorial School of Technology, Potsdam, N. Y.
Ayres, Brown, University of Tennessee, Knoxville, Tenn.
Humphreys, Alex. C., Stevens Institute of Technology, Hoboken, N. J.

College Asst. Professors

Fox, Wm., Physics, City College of N. Y., 17 Lexington Ave., N. Y. City.
Graydon, Samuel D., Mechanical Drawing, Stevens Institute, Hoboken, N. J.
Gunther, Chas. O., Mathematics and Mechanics, Stevens Institute, Hoboken, N. J.
Knapp, E. R., Mechanical Drawing, Stevens Institute, Hoboken, N. J.
Martin, Louis A., Mathematics and Mechanics, Stevens Institute, Hoboken, N. J.

Moore, Wm. J., Electrical Engineering, Stevens Institute, Hoboken, N. J.
Pryor, Frederick L., Experimental Engineering, Stevens Institute, Hoboken, N. J.
Wood, Arthur J., Experimental Engineering, State College, Pa.

College Asst. Supt.

Norris, Henry Lee, Columbia University, N. Y. City.

College Professors

Benns, Chas. P., Columbia University, N. Y. City.
Bristol, Wm. H., Mathematics and Mechanics, Stevens Institute, Hoboken, N. J.
Brooks, Morgan, Electrical Engineering, University of Ill., Urbana, Ill.
Brown, W. V., Mathematics and Astronomy, De Pauw University, Greencastle, Ind.
Chandler, R. E., Mechanical Engineering, A. and M. College, Stillwater, Oklahoma.
Denton, James, Engineering Practice, Stevens Institute, Hoboken, N. J.
Furman, F. DeR., Mechanical Drawing and Designing, Stevens Institute, Hoboken, N. J.
Ganz, Albert F., Electrical Engineering, Stevens Institute, Hoboken, N. J.
Geyer, Wm. E., Physics, Stevens Institute, Hoboken, N. J.
Gibbs, Wm. Edwin, Physics, Carnegie Technical School, Pittsburg, Pa.
Giberga, Ovidio, Electricity, School of Engineers and Architects, Havana, Cuba.
Jacobus, D. S., Experimental Engineering, Stevens Institute, Hoboken, N. J.
Kent, Wm., Mechanical Engineering, L. L. Smith College of Applied Science, Syracuse Univ., Syracuse, N. Y.
Magruder, Wm. T., Mechanical Engineering, Ohio State Univ., Columbus, Ohio.
Manning George L., Physics and Electricity, Robert College, Constantinople, Turkey.
Mayer, Alfred G., Carnegie Institution, Marine Laboratory, Tortugas, Fla.
Parsons, H. de B., 22 William St., N. Y. City.
Prentiss. H. J., Anatomy, Iowa State University, Iowa City, Ia.
Randolph, L. S., Mechanical Engineering, The Polytechnic Technical University, Blacksburg, Va.
Riesenberger, Adam, Mechanical Drawing, Stevens Institute, Hoboken, N. J.
Rittenhouse, L. H., Engineering, Haverford College, Haverford, Pa.
Smith, Merrill Van G., Mechanical and Electrical Engineering, Delaware College, Newark Del.

Stillman, Thos. B., Engineering, Chemistry, Stevens Institute, Hoboken, N. J.
Thomas, B. F., Physics, Ohio State University, Columbus, O.
Thomas, Chas. W., Mechanical Engineering, N. C. College of Agriculture and Mechanic Arts, West Raleigh, N. C.
Van Vleck, Frank, Mechanical Engineering, George Washington Univ., Washington, D. C.
Villa, Jose M., Mathematics, National Univ., U. S. of Colombia, S. A.
Walker, M. P., Mathematics, St. John's College, Shanghai, China.
Whitlock, R. H., Mechanical Engineering, A. & M. College of Texas, College Station, Tex.
Willis, Clarence A., Mathematics, Girard College, Philadelphia, Pa.
Wurts, Alex. J., Applied Electricity, Carnegie Technical Schools, Pittsburg, Pa.

Commercial Patent Management

Cuntz, Herman F., Electric Vehicle Co., Hartford, Conn.

Compressed Air

Goode, C. Bates, Atchison, Topeka & Santa Fe R. R. Co., Topeka, Kan.

Commission Houses

Steinbrügge, E. O., Member of firm, Lyon & Co., 29 Broadway N. Y. City.

Compressed Locomotives

Hodges, Chas. B., Asst. Supt., H. K. Porter & Co., 49th St. and A. V. Ry., Pittsburg, Pa.

Compressors

Blaisdell, Chas. O., Suction Cleaner Co., 120 Liberty St., N. Y City.
Carter, Russell S., Asst. Mgr., Ingersoll Rand Co., 77 Oliver St., Boston, Mass.
Dixon, R. M., Vice-Pres., Safety Car Heating & Lighting Co., and Pintsch Compressing Co., 160 Broadway, N. Y. City.
Patterson, A. W., Jr., Ingersoll Rand Co., 2020 Farmers Bank Bldg., Pittsburg, Pa.

Concrete Buildings

Warren, Edw. C., Westinghouse, Church, Kerr & Co., 10 Bridge St., N. Y. City.
Wolcott, Henry A., 49 Pearl St., Hartford, Conn.

Concrete Steel Construction

Baldwin, Raymond S., Consolidated Gas Co., 4 Irving Place, N. Y. City.
Balz, George Adam, Astoria Light, Heat & Power Co., Astoria, L. I., N. Y.

Estrada, E. D., Huston Contracting Co., 110 O'Relly St., Havana, Cuba.
Farrar, Wm. M., 156 Fifth Ave., N. Y. City.
Gubelman, F. J., Pres., Eastern Construction Co. of New Jersey, and Vice-Pres. O'Rourke Engineering & Construction Co., 1 W. 34th St., N. Y. City.
Gutierrez, J. R., Sancti Spiritus, Cuba.
Hickok, Henry Addison, Union Bldg., 9-15 Clinton St., Newark, N. J.
Lawrence, Frank N., Chief Engineer, Ransome & Smith Co., 11 Broadway, N. Y. City.
Scott, Fred E., Astoria Light, Heat & Power Co., Astoria, L. I., N. Y.
Warren, Edw. C., Westinghouse, Church, Kerr & Co., 10 Bridge St., N. Y. City.

Condensers, Steam

Brooks, Royal Deane, International Steam Pump Co., 114 Liberty St., N. Y. City.
Ode, Randolph T., Sec'y, Providence Engineering Works, Providence, R. I.

Conduits

Welles, Edw. R., M. W. Kellogg & Co., 143 Liberty St., N. Y. City.

Construction of Beet Sugar Factories

Bradley, Edgar L., Pacific Sugar Construction Co., Hamilton, Glenn Co., Cal.

Construction Work

Bedell, Edgar H., Isbell-Porter Co., 46 Bridge St., Newark, N. J.
Buckenham, Archibald G., Consolidated Gas Co., 4 Irving Place, N. Y. City.

Consulting Engineers

(See under Engineers.)

Contractors

Baldwin, Raymond S., Consolidated Gas Co., 4 Irving Place, N. Y. City.
Church, Warren D., Director, M. W. Kellogg Co., 143 Liberty St., N. Y. City.
Dreyfus, Edwin D., Allis Chalmers Co., Milwaukee, Wis.
Estrada, E. D., Huston Contracting Co., 110 O'Relly St., Havana, Cuba.
Field, W. B. O., Member of firm, M. W. Kellogg Co., 143 Liberty St., N. Y. City.
Fuller, Arthur A., Supt., Providence Engineering Works, Providence, R. I.
Gately, Chas. L., 950 Peachtree St., Atlanta, Ga.
Grelle, Chas. Edward, Vice-Pres. and Mgr., Williamette Boiler Works, 4th and Glisan Sts., Portland, Ore.

Gubelman, F. J., Pres., Eastern Construction Co. of New Jersey, and Vice-Pres. O'Rourke Engineering Construction Co., 1 W. 34th St., N. Y. City.
Guenther, Frederick A., United Engineering & Contracting Co., 32 E. 33d St., N. Y. City.
Hall, Burton P., Treas., New York Steam Fitting Co., 137 Elm St., N. Y. City.
Hall, Robt. E., Sec'y, New York Steam Fitting Co., 137 Elm St., N. Y. City.
Hart, B. Franklin, Jr., B. Franklin Hart, Jr. & Co., 143 Liberty St., N. Y. City.
Hedden, Viner J., Hedden & Son's Co., 431 Ogden St., Newark, N. J.
Hiller, N. H., Vice-Pres., Carbondale Machine Co., Carbondale, Pa.
Hoffman, Chas. S., Baker Smith & Co., 84 W. Houston St., N. Y. City.
Hughes, R. G., Sec'y, John W. Ferguson Co., United Bank Bldg., Paterson, N. J.
Humphreys, Alex. C., Senior of Humphreys & Glasgow, 31 Nassau St., N. Y. City.
nglis, Robt. N., M. W. Kellogg & Co., 143 Liberty St., N. Y. City.
Joubert, Fred. L., Payne & Joubert, New Orleans, La.
Kellogg, Morris W., Pres., M. W. Kellogg & Co., 143 Liberty St., N. Y. City.
Lawrence, Frank V., Chief Engineer, Ransome & Smith Co., 11 Broadway, N. Y. City.
Lenone, Jose M., M. W. Kellogg & Co., 143 Liberty St., N. Y. City.
Lent, Leon B., Chief Engineer, Ward & Upright Engineering Co., 41 York St., Brooklyn, N. Y.
Machold, Chas. E., Machold & Riddell, 1020 Stephen Girard Bldg., Philadelphia, Pa.
Mackenzie, W. P., Pres., Mackenzie, Quarries & Ferguson, 114 Liberty St., N. Y. City.
Merritt, James S., Pres. and Genl. Mgr., Merritt & Co., 1022 Ridge Ave., Philadelphia, Pa.
Parsons, Willard P., Pres., W. P. Parsons & Co., 51 Wall St., N. Y. City.
Phillips, Louis A., Associated with Edwin Burhorn, 71 Wall St., N. Y. City, and Sec'y and Treas., M. W. Fleck Co., 101 Beekman St., N. Y. City.
Post, Andrew J., Sec'y and Chief Engineer, Post & McCord, 44 E. 23d St., N. Y. City.
Post, Robt. C., Post & McCord, 44 E. 23d St., N. Y. City.
Raabe, Frederick, c/o J. A. Zimmerman, Sheridan Bldg., N. Y. City.
Robinson, Edw. W., Supt., Snare & Triest Co., 143 Liberty St., N. Y. City.

Conveying Machinery

Barnum, Dana D., Genl. Supt., Worcester Gas Light Co , 240 Main St., Worcester. Mass.
Beach, Willard J., Heyl & Patterson, 51 Water St., Pittsburg, Pa.
Dale, O. G., Mgr., Mead Morrison Mfg. Co , 11 Broadway, N. Y. City.
Flack, J. Day, C. W. Hunt & Co., West New Brighton, Staten Island, N. Y.
Gaylord, H. B., B. F. Sturtevant Co., 135 N. 3d St., Philadelphia, Pa.
Gildersleeve, David H., Sales Mgr., C. W. Hunt & Co., West New Brighton, Staten Island, N. Y.
Hewitt, Wm., Trenton Iron Co., Trenton, N. J.
Hutchings, C. F., Sprague Electric Co., Bloomfield, N. J.
Kellogg, Morris W., Pres., M. W. Kellogg & Co., 143 Liberty St., N. Y. City.
Merrick, Herbert L , Robins Conveying Belt Co., Passaic, N. J.
Plum, Frank H., C. W. Hunt Co., West New Brighton, Staten Island, N. Y.
Woolson, C. G., Robins Conveying Belt Co., Park Row Bldg., N. Y. City.

Conveyors

Hegeman, John C., Otis Elevator Co., 17 Battery Place, N. Y. City.

Cooling Towers

Brooks, Royal Deane, International Steam Pump Co., 114 Liberty St., N. Y. City.
Burhorn, Edwin, 71 Wall St., N. Y. City.
Hart, B. Franklin, Jr., B. Franklin Hart, Jr., & Co., 143 Liberty St., N. Y. City.
Phillips, Louis A., Associated with Edwin Burhorn, 71 Wall St., N. Y. City, and Sec'y and Treas. M. F. Fleck Co., 101 Beekman St., N. Y. City.
Wilson, W. R., Alberger Condenser Co., 95 Liberty St., N. Y. City.

Copper Mining

Gibson, F. M., San Carlos Copper Co., Linares, N. L., Mexico.

Copper Refineries, Electrolytic

Munby, Ernest J., Auriferous Pyrites By-Products Co , Ltd., London, Eng.
Peirce, Wm. H., 2d Vice-Pres., Baltimore Copper Smelting & Rolling Co., Keyser Bldg., Baltimore, Md.

Copper Rolling Mills

Peirce, Wm. H., 2d Vice-Pres., Baltimore Copper Smelting & Rolling Co., Keyser Bldg., Baltimore, Md.

Copper Smelting

Peirce, Wm. H., 2d Vice-Pres., Baltimore Copper Smelting & Rolling Co., Keyser Bldg., Baltimore, Md.

Core Drilling

Burnet, E. E., J. G. White & Co., 43 Exchange Place, N. Y. City.

Correspondence Institute

Wetzler, Joseph, Pres., Electrical Engineer Institute of Correspondence Instruction, 13 Southampton St., London, W. C., England.

Cost Keeping Devices

Scribner, Chas. W., 39 Cortlandt St., N. Y. City.

Cotton Gins

Inglis, Beattie A., Supt., Florida Mfg. Co., Madison, Fla.

Cotton Ginning Machinery

Everhart, Henry B., F. H. Lummus Sons Co., Columbus, Ga.

Cotton Manufacturers

Lyall, Wm. L., Treas., Brighton Mills, Passaic, N. J.

Rivero, R. J., Asst. Mgr., V. Rivero, Succ. El Cercado, N. L., Mex.

Cotton Mill Machinery

Wilkes, James R., Mecklenburg Iron Works, Charlotte, N. C.

Cotton Oil

Wheatley, Crawford, Americus, Ga.

Cotton Oil Mill

Taylor, Thomas, Pres., Taylor Mfg. Co., Columbuia, S. C.

Cotton, Sea Island

Inglis, Beattie, Supt., Florida Mfg. Co., Madison, Fla.

Cotton Seed Oil Mills

Inglis, Beattie A., Supt., Florida Mfg. Co., Madison, Fla.

Cranes

Hutchings, C. F., Sprague Electric Co., Bloomfield, N. J.

Knox, S. L. G., V.-Pres. and Chf. Eng., Bucyrus Co., S. Milwaukee, Wis.

Dams

Beyer, Richard, Partner to T. H. McCann, 2nd Natl. Bank Bldg., Hoboken, N. J.

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Design and Construction of Power Plants

Ahrnke, H. P., British Westinghouse Electric & Mfg. Co., 2 Norfolk St., London, England.

Designers

Bandaret, Leon G., Western Electric Co., N. Y. City.
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Hidden, Chas. P., Standard Stopper Co., Jersey City, N. J.
Jackson, Walter W., Asst. Engineer, City of Columbus, City Hall, Columbus, O.
Ladd, James B., Real Estate Trust Bldg., Philadelphia, Pa.
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Parsons, W. Everett, 12 Bridge St., N. Y. City.
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Williams, H. D., Bureau of Ordnance, Navy Dept., Washington, D. C.

Diamond Tools

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Distilling Apparatus

Davey, W., Chf. Eng., Colgate & Co., 55 York St., Jersey City, N. J.

Dock Builders

Bensal, John A., City of N. Y., Pier A, N. R., N. Y. City.
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Doctor

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Brewer Samuel B., 541 Jefferson Ave., Elizabeth, N. J.
Burnet, E. E., J. G. White & Co., 43 Exch. Place, N. Y. City.

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Main, Thomas J., Sprague Electric Co., Watsessing, N. J.
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Schmitt, J. A., Federal Sugar Refining Co., N. Y. City.
Vanderbeek, J. Wilbur, Burnham, Hitchings, Pierson Co., West Side Ave., Jersey City, N. J.
Willis, C. M., Westchester Lighting Co., 222 So. 2nd Ave., Mt. Vernon, N. Y.

Dredges

Knox, S. L. G., V.-Pres & Chf. Eng., Bucyrus Co., S. Milwaukee, Wis.
Munby, Ernest J., The Auriferous Pyrites By-Products Co., Ltd., 149 Lupus St., London, S. W., England.

Dredging

Coffey, Barton H., Vice-Pres. & Genl. Mgr., Submarine Contracting Co., 81 New St., N. Y. City.
Page, J. D., Furst Clark Dredging Co., Cape May, N. J.

Dredging Machinery

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Drills

Munby, Ernest J., The Auriferous Pyrites By-Products Co., Ltd., 149 Lupus St., London, S. W., England.

Drill Chucks

Field, Wm. A., Genl. Supt., So. Works, Ill. Steel Co., S. Chicago, Ill.

Dry Docks

Abe, Keuchi, Mitsu Bishi Dockyard and Engine Works, Nagasaki, Japan.
Bates, George H , Chief Engineer, Buirlee Dry Dock Co., Port Richmond, S. I., N. Y.
Lewis, Arthur S., Dept. of Construction and Repairs, Brooklyn Navy Yard, Brooklyn, N. Y.

Drying Apparatus

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Pryor, Robt. W., Buffalo Forge Co., 39 Cortlandt St., N. Y. City.

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Boettger, Robert, Sec'y, United Piece Dye Works, Lodi, Bergen Co., N. J.

Dynamos

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Douglas, E. R., Crocker-Wheeler Co., Ampere, N. J.
Weisblatt, H. E., Crocker-Wheeler Co., Ampere, N. J.

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Editors

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Shoudy, Wm. A., "Stevens Institute Indicator," Hoboken, N. J.
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Electric Clocks

Willis, Edw. J., Richmond Electric Co., Richmond, Va.

Electric Controllers

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Trube, G. A., British Westinghouse Co., Ltd., Trafford Park, Manchester, Eng.
Wagoner, P. D., General Electric Co., Schenectady, N. Y.

Electric Elevators

Baker, I. F., Sprague Electric Elevator Co., Bloomfield, N. J.
Gurney, H. F., Pres. National Elevator Co., 400 W. 23d St., N. Y. City.
Lydecker, Kenneth, Marine Eng. and Machine Co., Harrison, N. J.
Smith, H. R., Otis Elevator Co., Room 821, 8 Jackson Blvd., Chicago, Ill.

Electric Generators

Anderson Richard T., Crocker-Wheeler Co., Ampere, N. J.
Chasteney, C. D., De Laval Steam Turbine Co., Trenton, N. J.
Douglas, E. R., Crocker-Wheeler Co.. Ampere, N. J.
Dreyfus, Edwin D., Allis-Chalmers Co., Milwaukee, Wis.
Erben, H. F. T., General Electric Co., Schenectady, N. Y.
Gunagan, R. H., Equipment Dept. Bldg. 9, Navy Yard, Brooklyn, N. Y.
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Neefus, H. V. H., Electro Dynamic Co., 11 Pine St., N. Y. City.
Parsell, Henry V. A., Pres. and Treas., Parsell & Weed, 129 W. 31st St., N. Y. City.
Pratt, H. A., Westinghouse Elec. & Mfg. Co., 11 Pine St., N. Y. City.
Sander, George H., Power and Mining Dept., Genl. Electric Co., Schenectady, N. Y.
Scribner, Chas. W., 39 Cortlandt St., N. Y. City.
Willis, Edw. J., Richmond Electric Co., Richmond, Va.

Electric Lamps

Campbell, Edward, Sec'y and Treas., Germania Electric Lamp Co., Harrison, N. J.
Howell, John W., Genl. Electric Co., Harrison, N. J.
Jackson, Henry W., Sawyer Man Electric Co., 510 W. 23d Street, N. Y. City.

Electric Light and Power Companies

Adger, John B., Pres. and Treas., Belton Power Co., and James Adger & Co., Belton, S. C.
Bates, Chas. J., Jr., N. Y. Edison Co., 55 Duane St., N. Y. City.
Bumsted, E. Bradford. Genl. Mgr., St Lawrence River Power Co., Massena, N. Y.
Bunch, David, Supt., Mill River Electric Light Co., Williamsburg, Mass.

Burke, Robert E., The Rhode Island Co., Providence, R. I.
Campbell, Gordon, Washington Railway Electric Co., 2411 P St., Washington, D. C.
Clark, Howard B., N. Y. C. & H. R. R. Power Station, Port Morris, N. Y.
Darbee, Wm., Engineer to the N. Y. State Commission of Gas and Electricity, 5 Nassau St., N. Y. City.
Del Rio, Carlos, Mexican Central R. R., Tampico, Mexico.
Doty, Paul, Vice-Pres. and Genl. Mgr., St. Paul Gas Light Co., St. Paul, Minn.
Gould, M. D., The Niagara Construction Co., Ltd., Niagara Falls, South, Ontario, Canada.
Grady, Chas. B., N. Y. Edison Co., 39th St.and 1st Ave., N. Y. City.
Hawkins, Wm. Clark, Hamilton Cataract Power, Light & Traction Co., Hamilton, Ontario, Canada.
King, Harry D., Public Service Corporation of New Jersey, 14th and Bloomfield Sts., Hoboken, N. J.
Leserman, Philip, Jr., N. Y. Edison Co., 38th St. and 1st Ave., N. Y. City.
Lieb, John W., Jr., 3d Vice-Pres., N. Y. Edison Co., 55 Duane St., N. Y. City.
McGowan, Henry E., Flatbush Gas Co., 273 Clarkson St., Brooklyn, N. Y.
Mendoza, Luis, Mgr., Oaxaca Electric Light Co., Oaxaca, Mexico.
Miller, Alten S., Mgr., Consolidated Gas Co., 100 W. Lexington St., Baltimore, Md.
Spencer, Paul, United Gas Improvement Co., Broad and Arch Sts., Philadelphia, Pa.
Yereance, W. B., Ford, Bacon & Davis, 24 Broad St., N. Y. City.

Electric Light Wiring

Anderson, Richard T., Crocker-Wheeler Co., Ampere, N. J.
Ellinger, Edgar, Sec'y and Treas., L. K. Comstock & Co., 114 Liberty St., N. Y. City.
La Pointe, Frank A., 257 Twelfth St., Hoboken, N. J.
Pearce, W. H., Supt., Frederick Pearce Co., 18–20 Rose St., N. Y. City.

Electric Motors

Anderson, Richard T., Crocker-Wheeler Co., Ampere, N. J.
Ball, Frederick O., Asst. Mgr., American Engine Co., Bound Brook, N. J.
DeGress, F. B., Mgr., Crocker-Wheeler Co., 39 Cortlandt St., N. Y. City.
Douglas, E. R., Crocker-Wheeler Co., Ampere, N. J.
Myers, Cornelius T., International Steam Pump Co., Pittsburg, Pa.
Neefus, H. V. H., Electric Dynamic Co., 11 Pine St., N. Y.

Pratt, H. A., Westinghouse Electric & Mfg. Co., 11 Pine St., N. Y. City.
Weissblatt, M. E., Crocker-Wheeler Co., Ampere, N. J.
Willis, Edw. J., Richmond Electric Co., Richmond, Va.

Electric Railway, Heavy

Woodbury, D. C , N. Y. C. & H. R. R., Grand Central Station, N. Y. City.

Electric Railways

Adams, H. H., United Railways and Electric Co., Baltimore, Md.
Bunje, Chas., Public Service Corporation Co. of N. J., Boyd St. and 18th Ave., Newark, N. J.
Burke, Robt. E., The Rhode Island Co., Providence, R. I.
Darbee, Wm., Engineer to the N. Y. State Commission of Gas and Electricity, 5 Nassau St., N. Y. City.
McElroy, Joseph A., Director, Macartney, McElroy & Co., Ltd., 53 Victoria St., London, England.

Electric Railway Supplies

Condit, E. A., Jr., Rail Joint Co., 709 Lewis Block, Pittsburg, Pa.
MacGregor, Willard H., Westinghouse Electric & Mfg. Co., 11 Pine St., N. Y. City.
Trube, Gustav A., British Westinghouse Co., Ltd., Trafford Park, Manchester, England.
Whitlock, E. H., Asst. Supt., National Carbon Co., Cleveland, O.

Electric Signs

Ellinger, Edgar, Sec'y and Treas., L. K. Comstock Co., 114 Liberty St., N. Y. City.

Electric Specialties

Burke, Edmund J., Pres., Blake Signal & Mfg. Co., Inc., 246 Summer St., Boston, Mass.

Electric Switches

Quimby, Wm. E., Pres., Wm. E. Quimby (Inc.), 44 E. 23d St., N. Y. City.

Electrical Apparatus

DeGress, F. B., Mgr., Crocker-Wheeler Co., 39 Cortlandt St., N. Y. City.
Edmunds, James F., Brownhurst, Cleveland, O.
Erben, H. F. T., General Electric Co., Schenectady, N. Y.
Fendrich, Valentine, Western Electric Co., West and Bethune Sts., N. Y. City.
Frank, Emil H., Jr., Electric Launch Co., Bayonne City, N. J.

Fulton, J. Hurst, Testing Dept., General Electric Co., Schenectady, N. Y.
Gaylord, H. B., B. F. Sturtevant Co., 135 No. 3d St., Philadelphia, Pa.
Hunter, Wilfrid K., Stanley G. I. Electric Mfg. Co., Pittsfield, Mass.
Loud, Henry S., British Westinghouse Elec. & Mfg. Co., Trafford Park, Manchester, England.
MacGregor, Willard H., Westinghouse Electric & Mfg. Co., 11 Pine St., N. Y. City.
Marvin, Richard H., Testing Dept., General Electric Co., Schenectady, N. Y.
Neefus, H. V. H., Electric Dynamic Co., 11 Pine St., N. Y. City.
Pratt, H. A., Westinghouse Electric & Mfg. Co., 11 Pine St., N. Y. City.
Wagoner, P. D., General Electric Co., Schenectady, N. Y.
Weissblatt, M. E., Crocker-Wheeler Co., Ampere, N. J.

Electric Contractors

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Corwin, Wm. S., 112 Lincoln Ave., Newark, N. J.
DeGress, F. B., Mgr., Crocker-Wheeler Co., 39 Cortlandt St., N. Y. City.
Ellinger, Edgar, Sec'y and Treas., L. K. Comstock & Co., 114 Liberty St., N. Y. City.
Field, Cornelius J., Esperanza Central Sugar Co., 78 Wall St., N. Y. City.
Frank, Emil H., Jr., Electric Launch Co., Bayonne City, N. J.
Jennings, Wm. J., R. H. Hunt & Co., 1121 The Rookery, Chicago, Ill.
LaPointe, Frank A., 257 Twelfth St., Hoboken, N. J.
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Electrical Instruments

Bristol, Wm. H., 45 Vesey St., N. Y. City.
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Weston, Edw., Pres., Weston Electrical Instrument Co., Waverly Park, Newark, N. J.

Electro-Chemistry

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Electrolysis

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Electro Magnet Machinery

Scott, A. D., Varley Duplex Magnet Co., Providence, R. I.

Elevators

Cartwright, James A., Mgr., McAdams & Cartwright Elevator Co., North American Bldg., Philadelphia, Pa.
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Furman, J. R., Otis Elevator Co., 17 Battery Place, N. Y. City.
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Smith, H. R., Otis Elevator Co., Room 821, No. 9 Jackson Boulevard, Chicago, Ill.

Emery Presses

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Engines, Automobile

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Engines, Steering

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Engineers, Architectural

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Engineer, Ordnance

Williams, Harvey D., Bureau of Ordnance, Navy Dept., Washington, D. C.

Engineer, Power Plant

Van Vleck, John, Interborough Rapid Transit Co., 100 Broadway, N. Y. City.

Engineers, Park

Koch, F. A., Park Department, N. Y. City.
Seely, Frederick, Topographical Dept., Borough of Queens, L. I., N. Y. City,

Smith, R. W., Landscape, Drainage and Water Supply, 136 Liberty St., N. Y. City.

Engineer, Public Works

Benavides, R. A., Camagney Public Works, Camagney, Cuba.

Engineers, Railroad

Atristain, Alberto, Mexican Central R. R., Mexico City, Mexico.
Bruck, Henry T., Cumberland & Pennsylvania R. R., Mt. Savage, Md.
Chamberlain, H. T., Erie R. R. Co., Meadville, Pa.
Cromwell, Jacob E., Baltimore & Ohio R. R. Shops, Mt. Clare, Baltimore, Md.
Del Rio, C., Mexican Central R. R., Tampico, Mexico.
Ferris, H. C., Colorado Div,, U. P. R. R. Co., Denver, Colo.
Gray, Chas. B., Pennsylvania R. R., Mooney Bldg., Buffalo, N. Y.
Hammond, George O., Erie R. R., Meadville, Pa.
Heiskell, J. M., N. C. & St. L. R. R., Memphis, Tenn.
Loewenherz, H., Manhattan Ry. Div., 32 Park Place, N. Y. C.
Maxfield, H. H., Pennsylvania R. R. Co., Trenton, N. J,
Reese, F. I., Pennsylvania R. R. Co., Jersey City, N. J.
Miller, Samuel W., P. C. C. & St. L. R. R., Columbus, O.

Engineers, Railroad Signal

Steward, Jas. E., P. C. C. & St. L. R. R., Pittsburg, Pa.

Engineers, Railway

Alden, J. D., Conn. Ry. & Lighting Co., South Norwalk, Conn.
Alden, J. W., St. Ry. Dept., Public Service Corporation, 29 Exchange Pl., Jersey City, N. J.
Bayless, Chas. T., Mexican Central Ry., Aguascalientes, Mexico.
Brune, Percy, United Railways of Havana, Havana, Cuba.
Gibbs, Alfred W., Pennsylvania Lines E. of Pittsburg & Erie, Altoona, Pa.
Kaltwasser, C. M., Conn. Ry. & Lighting Co., South Norwalk, Conn.
Litchfield, Norman, Interborough Rapid Transit Co., 98th St. and 3rd Ave., N. Y. City.
Schimmel, John, Pennsylvania R. R., Olean, N. Y.
Self, Edward D., Linares & Gulf Ry., San Jose, Tamaulipas, Mexico.
Shreve, Arthur L., Southeastern Construction Co., Bryn Mawr, Pa.
Sissons, W. J., United Railways of Havana, Havana, Cuba.
Uhlenhant, F., Pittsburg Ry. Co., 435 Sixth Ave., Pittsburg, Pa.

Engineer, Sanitary

Self, Edward D., San Carlos Copper Co., San Jose, Tamaulipas, Mexico.

Engineers, Structural

Ahrnke, H. P., British Westinghouse Elec. & Mfg. Co., 2 Norfolk St., Strand, London, England.
Bolton, H. L., Griggs & Hunt, 51 Leavenworth St., Waterbury Conn.
Durrie, C. N., Burnham, Hitchings, Pierson Co., Jersey City, N. J.
Estrada, E. D., Huston Contracting Co., 110 O'Relly St. Havana, Cuba.
Gardiner, F. W., Interborough Rapid Transit Co., 32 Park Row, N. Y. City.
Hickok, Henry A., Union Bldg., 9 Clinton St., Newark, N. J.
Kellogg, Ernest D., Long Island R. R., Jamaica, L. I., N. Y.
Kidd, Geo. F., 1434 O'Farrell St., San Francisco, Cal.
King, Wm. R., Mgr., Sanderson & Porter, 52 William St., N. Y. City.
Lockwood, R. T., Standard Oil Co., Bayonne, N. J.
Loewenherz, H., Manhattan Ry. Div., 32 Park Place, N. Y. C
Miller, Arthur B., Walter Kidde, 85 Liberty St., N. Y. City.
Miller, Warren H., C. C. C. & St. L. R. R., Indianapolis, Ind
Paine, Leonard G., Standard Plunger Elevator Co., 1017 Pa Bldg., Phila., Pa.
Parsons, H. de B., 22 William St., N. Y. City.
Post, Henry W., 281 Fourth Ave., N. Y. City.
Sinclair, Arnold F., 1st National Bank Bldg., Easton, Pa.
Van Vleck, John, Interborough Rapid Transit Co., 100 Broadway, N. Y. City.
Willis, Paul, Sec'y, Kenwood Bridge Co., 1416 1st Natl. Bank Bldg., Chicago, Ill.

Engineer, Sugar

Field, Cornelius J., Genl. Mgr. & Chief Engineer, Esperanza Central Sugar Co., 78 Wall St., N. Y. City.

Engineer, Ventilating

Wolff, A. R., 87 Nassau St., N. Y. City.

Engineer of Tests

Onderdonk, J. R., Baltimore & Ohio R. R., Baltimore, Md.

Engineering Economics

Aldrich, Wm. S., Director, T. G. Clarkson Memorial School of Tech., Potsdam, N. Y.

Expanded Metal

Merritt, James S., Pres. & Genl. Mgr., Merritt & Co., Inc. 1022-1030 Ridge Ave., Philadelphia, Pa.
Muldaur, George B., 141 Broadway, N. Y.

Examiner

Gsanther, Otto C., U. S. Patent Office, Washington, D. C.

Experimental Work

Alden, James S., 470 River Drive, Passaic, N. J.
Magruder, Wm. T., Ohio State University, Columbus, O.
Vreeland, Fredk. K., 80th St. and East End Ave., N. Y. City.

Experimental Work and General Manufacturing

Atkins, Harold B., 80 William St., Room 92, N. Y. City.
Benns, Chas. P., Teachers' College, Columbia University, N. Y. City.
Graupner, Paul C. A., 457 Germania Ave., Jersey City Heights, N. J.
Gunagan, R. H., Equipment Dept., Building 9, Navy Yard, Brooklyn, N. Y,
Hidden, Chas. P., Standard Stopper Co.. Jersey City. N. J.
Koester, Herman, Wm. H. Bristol Pyrometer Co., 45 Vesey St., N. Y. City.
Penney, Rubert L., Winchester Repeating Arms Co., New Haven, Conn.

Expert in Chemical Patents

Woodman, Durand, 80 Beaver St. and 127 Pearl St., N. Y. City.

Expert in Patent Causes

Cuntz, J. H., 140 Nassau St., N. Y. City
DeBonneville, A. A., 229 Broadway, N. Y. City.

Exporters and Importers General Commission

Frazar, E. W., Partner, Sale & Frazar, Yokohama, Japan.
Leber, Robt. E., Member of firm, Leber & Co., 129–131 Front St., N. Y. City.
Lorsch, Edwin S., Sussfeld, Lorsch & Co., 37 Maiden Lane, N. Y. City.

Factory Accounts, Cost and Investigations

Ketchum, Samuel, W. D. Forbes & Co., 1300 Hudson St., Hoboken, N. J.
Tucker, Benjamin W., 143 Liberty St., N. Y. City.
Youngblood, F. J., Westinghouse Elec. & Mfg. Co., E. Pittsburg, Pa.

Factory Construction

Holcombe, E. M., Carbondale Machine Co., Carbondale, Pa.

Factory Equipment (Elec. Power)

Smith, E. B., Western Electric Co., 463 West St., N. Y. City.

Factory Manager

Gilmore, J. W., 1st Vice-Pres., Crouch & Fitzgerald Co., 352 W. 41st St., N. Y. City.

Fans

Phelps, W. F., Pres., Dayton Fan & Motor Co., Dayton, O.
Seaman, D. S., The Green Fuel Economizer Co., Exchange Bldg., Boston, Mass.

Fans, Electric

Furman, George B., L. O. Koven & Bro., 50 Cliff St., N. Y. C
Phelps, Walter F., Pres., Dayton Fan and Motor Co., Dayton Ohio.
Pryor, Robt. W., Buffalo Forge Co., 39 Cortland St., N. Y. C

Fans, Fancy

Elson, Louis E., 55 W. 88th St., N. Y. City.

Fan Manufacturers

Palen, W. D., Chief Engineer, The Phila. Textile Machinery Co., and Smith & Turbush Co., Hancock and Somerset St., Philadelphia, Pa.
Phelps, Walter F., Pres., Dayton Fan & Motor Co., Dayton, O

Feed Water Heaters

Idell, F. E., Harrison Safety Boiler Works, 26 Cortland St., N Y. City.
Sorge, Adolph, Jr., A. Sorge, Jr., & Co., 1019–1022 Monadnock Block, Chicago, Ill.
Van Brunt, John, Lester Vanderlip Furnace Co., 120 Liberty St., N. Y. City.
Wilson, W. R., Alberger Condenser Co., 95 Liberty St., N Y. City.

Feed Water Purifiers

Sorge, Adolph, Jr., A. Sorge, Jr., & Co., 1019 Monadnock Block, Chicago, Ill.,

Filters

Furman, George B., L. O. Koven & Bro., 50 Cliff St., N. Y. City.

Filter Presses

Chatard, Wm. M., Mgr., Carbondale Machine Co., 1414 Continental Trust Bldg., Baltimore, Md.
Hiller, N. H., Vice-Pres., Carbondale Machine Co., Carbondale, Pa.
Torrance, Henry, N. Y. Mgr., Carbondale Machine Co., 14 Broadway, N. Y. City.

Fire Alarms

Pearce, W. H., Supt., Fredk. Pearce & Co., 18 Rose St., N. Y City.

Fire Extinguishers

Brett, Harvey, Supt., Rochester Valve Co., 27 Clinton Ave So., Rochester, N. Y.
Davey, Warren, Chief Engineer, Colgate & Co., 55 York St. Jersey City, N. J.

Fire Insurance

Bruen, G. E., Natl. Board of Fire Underwritters, 32 Nassau St., Room 1001, N. Y. City.

Fire Insurance Adjuster

Plyer, George G., Continental Fire Insurance Co. of N. Y., 428 Walnut St., Phila., Pa.

Florescence Screens

Jackson, Francis E., Prop., Francis E. Jackson, 128 Essex Ave., Orange, N. J.

Flooring, Sanitary

Benedict, Harding, R. A. Keasbey Co., 100 N. Moore St., N. Y. City.

Flour Manufacturer

Bachman. Valentine, Avenue Mills, Bay and Madison Ave., Indianapolis, Ind.

Flour Mill Machinery

Williams, F. H., Sec'y and Treas., Dubuque Turbine and Roller Mill Co., Dubuque, Iowa.

Foreign Commission Merchant

Gallaher, E. B., 228 W. 58th St., N. Y. City.

Foreman R. R. Shops

Dreyfus, T. F., Lines, W. of Pittsburg, Mahoningtown, Pa.

Forest Lands

Merriam, Lyman L., O'Rourke Engineering Construction Co., 564 W. 33rd St., N. Y. City.

Forestry

Tiemann, H. D., Yale Forest School, New Haven, Conn.

Forges

Field, Wm. A., Genl. Supt., So. Works, Ill. Steel Co., So. Chicago, Ill.

Hackstaff, John D., Rockwell Engineering Co., 26 Cortlandt St., N. Y. City.

Pryor, Robt. W., Buffalo Forge Co., 39 Cortland St., N. Y. C.

Forgings

Cuntz, Wm. Cooper, Pennsylvania Steel Co., Steelton, Pa.

Davis, J. A.,, Sec'y, R. C. Hoffman & Co., Inc., Continental Bldg., Baltimore, Md.

Gerdes, Henry T., W. H. Treadwell & Co., 95 Liberty St., N. Y. City.

Voorhees, Edw. C., Midvale Steel Co., Philadelphia, Pa.

Foundations

Allaire, Alexander, Supt., The Foundation Co., 35 Nassau St., N. Y. City.

Guenther, Fredk. A., United Engineering and Contracting Co., 32 E. 33d St., N. Y. City.

Litchfield, E D., member of firm, Lord & Hewlett, 16 E. 23d St., N. Y. City.

Foundry Supplies

Seeman, Edgar G., Mgr., S. Obermayer Co., 120 Liberty St. N. Y. City.

Friction Clutches

Whitman, A. E., N. Y. Representative of Swasey, Raymond & Page, of Boston, Mass., 52 Broadway, N. Y. City.

Fuel Economizers

Peck, Chas. B., Mgr. N. Y. Office, B. F. Sturtevant & Co., 131 Liberty St., N. Y. City.

Seaman, David S., The Green Fuel Economizer Co., Exchange Bldg., Boston, Mass.

Van Brunt, John, Lester Vanderlip Furnace Co., 120 Liberty St., N. Y. City.

Fuel Oil Appliance

Hackstaff, John D., Rockwell Engineering Co., 26 Cortlandt St., N. Y. City.

Fur Hat Manufacturer

Merritt, Chas. H., The North American Hat Co., Inc., Fall River, Mass.

Furnaces

Cox, F. Wm., Sec'y and Asst. Supt., The Cox & Sons Co., 81-93 Water St., Bridgeton, N. J.

Foster, E. A., Vice-Pres., Power Specialty Co., 111 Broadway N. Y. City.

Hackstaff, John D., Rockwell Eng'g Co., 26 Cortlandt St., N. Y. City.

Kent, Wm., Dean, Syracuse University, Syracuse, N. Y.

Lewis, Nathan E., Babcock & Wilcox Co., 85 Liberty St., N. Y. City.

Lunger, W. G., Rockwell Engineering Co., 26 Cortland St., N. Y. City.

Munby, E. J., Auriferous Pyrites By-Products Co., Ltd., 149 Lupus St., London, S. W., England.

Galvanizers

Furman, George B., L. O. Koven & Bro., 50 Cliff St., N. Y. City.

Gas Buoys and Beacons

Hulse, George E., Safety Car Htg. and Ltg. Co., 206 Erie St., Jersey City, N. J.

Gas Engines

Benns, Chas. P., Teachers' College, Columbia University, N. Y. City.

Birdsall, Edw. T., Pres., Birdsall Automobile Co., 302 Broadway, N. Y. City.

Bray, W. J., Consolidated Gas Co., Spring Garden Works, Baltimore, Md.
Butterfield, Thos. E., Otto Gas Engine Works, 33d and Walnut Sts., Phila., Pa.
Cremer, James M., De La Vergne Machine Co., Ft. E. 138th St., N. Y. City.
Fuller, Author A., Supt. Providence Engineering Works, Providence, R. I.
Gnade, E. R., Oil Well Supply Co., Oil City, Pa.
Johnson, H. W., Providence Engineering Works, Providence, R. I.
Lydecker, Kenneth, Marine Engine and Machine Co., Harrison, N. J.
Nash. Lewis H., Chief Engineer, Natl. Meter Co., 86 Chambers, N. Y. City.
Sanders, Lewis, General Electric Co., West Lynn, Mass.
Scribner, Chas. W., 39 Cortlandt St., N. Y. City.
Whiting C. W., 53 State St., Boston, Mass.
Zimmerman, H. D., Westinghouse Machine Co., 10 Bridge St., N. Y. City.

Gas Engineering

Barnum, Dana D., Genl. Supt. Worcester Gas Lt. Co., 240 Main St., Worcester, Mass.

Gas Generators

Balz, G. A., Astoria Light, Heat and Power Co., Astoria, L. I., N. Y.
Boyer, Shirk, Chief Engineer, Julius Pintsch, Berlin, O.27, Andreas Str., 72-73, Berlin, Germany.
Carroll, L. D., Humpheys & Glasgow, 38 Victoria St., London, England.
Cox, F. Wm., Sec'y and Asst. Supt., Cox & Sons Co., 81 Water St., Bridgeton, N. J.
Dixon, R. M., Vice-Pres., The Safety Car Htg. and Ltg. Co., and Pintsch Compressing Co., 160 Broadway, N. Y. City.
Freeman, F. C., United Gas Improvement Co., Broad and Arch Sts., Phila., Pa.
Hartpence, C. C., 126 Liberty St., N. Y. City.
Johnson, Luther H., Consumers Gas Works, Ft. of Halladay St.. Jersey City, N. J.
Page, C. H., United Gas Improvement Co., Broad and Arch Sts., Philadelphia, Pa.
Roberts, Geo. J., United Gas Improvement Co., Broad and Arch Sts., Philadelphia, Pa.
Shaw, John C., Consolidated Gas Co., 4 Irving Place, N. Y. City.
Thuman, F., Chief Engineer, Humphreys & Glasgow, 38 Victoria St., London, Eng.

Westcott, John T., Economical Gas Apparatus Construction Co., 19 Abingdon St., Westminster, S. W., London, England.

Gas Light Companies

Annett, E. B., Consolidated Gas Co., 4 Irving Place. N. Y. City.
Barker, Russel D., Boston Consolidated Gas Co., Boston, Mass.
Bennett, Frank, Worcester Gas Light Co.. Worcester, Mass.
Carroll, L. D., Humphreys & Glasgow, 38 Victoria St., London, England.
Collins. Chas. R., 328 Globe Bldg., Seattle, Wash.
Cook, Henry R., Public Service Corporation of N. J., Jersey City, N. J.
Darbee, Wm., 5 Nassau St., N. Y. City.
Dixon, J. A., Genl. Supt., Pintsch Compressing Co., 160 Broadway, N. Y. City.
Doty, Paul, Vice-Pres. and Genl. Mgr., St. Paul Gas Lt. Co., St. Paul. Minn.
Graf, Carl H., Indianapolis Gas Co., Majestic Bldg., Indianapolis, Ind.
Hartpence, C. C., 126 Liberty St., N. Y. City.
Hoffman, Howard, Kansas City [Mo.] Gas Works, 1st and Campbell Sts., Kansas City, Mo.
Humphreys, Alex. C., Senior of Humphreys & Glasgow, 31 Nassau St., N. Y. City.
Kennedy, J. P., Humphreys & Glasgow, 38 Victoria St., London, S. W., England.
McGowan, Henry E., Flatbush Gas Co., 273 Clarkson St., Brooklyn, N. Y.
Miller, Alten S., Mgr., Consolidated Gas Co., 100 W. Lexington St., Baltimore, Md.
Roberts, George J., United Gas Improvement Co., Broad and Arch Sts., Phila., Pa.
Rogers, W. H., N. Y., Mutual Gas Light Co., Ft. E. 11th St., N. Y. City.
Starr, Howard W., Mgr., Mohawk Gas Co., Schenectady, N. Y.
Thuman, Frederic, Chief Engineer, Humphreys & Glasgow, 38 Victoria St.. London, Eng.
Underhill, H. L., Consolidated Gas Co., 21st St. and Ave. A, N. Y., City.
Vuilleumier, R., Pintsch Compressing Co., 160 Broadway, N. Y. City.
Wainwright, Arthur V., Conn. Ry. and Lighting Co., South Norwalk, Conn.
Whitcomb, H. D., Jr., Genl. Mgr., Public Service Corporation, 575 Broad St., Newark, N. J.
Whitney, Oscar C., Pintsch Compressing Co., 160 Broadway, N. Y. City.
Wortendyke. I. F., Supt., New Gas Light Co., Janesville, Wis.
Yereance, W. B., Ford, Bacon & Davis, 24 Broad St., N. Y. City.

Gas Light Company Manager

Smart, F. R., York Gas Co., 25 W. Market St., York, Pa.

Gas Machinery

Bedell, E. H., Isbell Porter Co., 46 Bridge St., Newark, N. J.
Freeman, F. C., United Gas Improvement Co., Broad and Arch Sts., Phila., Pa.
Richardson, C. G., Treas., Parks & Woolson Machine Co., Springfield, Vt.
Richardson, G. P., Isbell-Porter Co., 46 Bridge St., N. Y. City.
Shaw, J. C., Consolidated Gas Co., 4 Irving Place, N. Y. City.
Squier, H. N., United Gas Improvement Co., Broad and Arch Sts., Phila., Pa.
Williamson, J. A., Asst. Supt., Isbell-Porter Co., 46 Bridge St., Newark, N. J.

Gas Producers

Angell, F. J., Humphreys & Glasgow, 38 Victoria St., London, S. W., England.
Balz, G. A., Astoria Light, Heat & Power Co., Astoria, L. I., N. Y.
Boyer, Shirk, Chief Engineer, Julius Pintsch, Berlin, O.27, Andreas Str., 72, Berlin, Germany.
Carroll, L. D., Humphreys & Glasgow, 38 Victoria St., London, S. W., England.
Collins, Chas. R., 328 Globe Bldg., Seattle, Wash.
Cox, F. Wm., Sec'y and Asst. Supt., Cox & Sons Co., 81 Water St., Bridgeton, N. J.
Cremer, J. M., De La Vergne Machine Co., Ft. E. 138th St., N.Y. City.
Fry, Lindsay, Humphrey & Glasgow, 38 Victoria St., London, S. W., England.
Hackstaff, John D., Rockwell Engineering Co., 26 Cortlandt St., N. Y. City.
Hartpence, C C., 126 Liberty St., City.
Johnson, L. H., Consumers Gas Works, Ft. of Halladay St., Jersey City, N. J.
Kent, Wm., Dean, Syracuse University, Syracuse, N. Y.
Roberts, Geo. J., United Gas Improvement Co., Broad and Arch Sts., Phila., Pa.
Thuman Frederic, Chief Engineer, Humphreys & Glasgow, 38 Victoria St., London, S. W., England.
Uehling, Edw. A., 135 Broadway, N. Y. City, or Uehling-Decker Co., Passaic, N. J.
Westcott, John T., Economical Gas Apparatus Construction Co., 19 Abingdon St., Westminster, S. W., London, England.
Whiting, C. W., 53 State St., Boston, Mass.
Zimmermann, H. D., Westinghouse Machine Co., 10 Bridge St., N. Y. City.

Gas Saving Appliances

Barnum, D. D., Genl. Supt., Worcester Gas Light Co., 240 Main St., Worcester, Mass.

Baylis, Robt. N., The Baylis Co., 140 Washington St., N. Y. City.

Glasgow, Arthur G., Humphreys & Glasgow, 38 Victoria St., London, S. W., England.

Randolph, Wm. W., Humphreys & Glasgow, 31 Nassau St., N. Y. City.

Gas Work Construction

Angell, F. J., Humphreys & Glasgow, 38 Victoria St., London, S. W., England.

Gauges, Pressure and Vacuum

Bristol, B. B., Vice-Pres. and Sec'y, The Bristol Co., Waterbury, Conn.

Uehling, Edw. A., Uehling-Decker Co., Passaic, N. J., or 135 Broadway, N. Y. City.

Geologist

Jackson, B. H., Boulder, Colo.

Gold Dredging Machinery

Kidd, Geo. F., 1434 O'Farrell St., San Francisco, Cal.

Gold Milling Machinery

Wilkes, J. Frank, Supt., Mecklenburg Iron Works, Charlotte, N. C.

Gold and Silver Refiners

Coleman, H. Dudley, U. S. Mint, New Orleans, La.

Governors

Ball, F. O., Asst. Mgr., American Engine Co., Bound Brook, N. J.

Governors for Gas Pressure

Baylis, Robt. N., The Bayliss Co., 140 Washington St., N. Y. City.

Graphite

McNaughton, M., Supt., Jos. Dixon Crucible Co., Jersey City, N. J.

Greenhouses

Armitage, F. W., Member of the firm Hitchings & Co., 1170 Broadway, N. Y. City.

Hardware Manufacturer

Taylor, R. E., Vice-Pres., H. E. Taylor & Co., 510 E. 72d St., N. Y. City.

Hat Manufacturer

Merritt, G. W., Member of firm, C. H. Merrit & Son, Danbury, Conn.

Harvesting Machinery

Adriance, William A., Adriance Platt & Co., Buckeye Work s, Poughkeepsie, N. Y.

Heating Apparatus

Gaylord, H. B., B. F. Sturtevant Co., 135 No. 3d St., Philadelphia, Pa.
Lynd, Roy E., Richardson & Boynton Co., Dover, N. J.
Todd, Geo. L., Vice-Pres., Nason Mfg. Co., 71 Fulton St., N. Y. City.

Heating and Lighting Plants Designed and Installed

Burhorn, Edwin, 71 Wall St., N. Y. City.
Mackenzie, W. P., Pres., Mackenzie, Quarrier & Ferguson, 114 Liberty St., N. Y. City.
Smith, Elmer, Providence Engineering Works, Providence, R. I.

Heating and Power Plants Designed and Installed

Hall, Burton P., Treas., N. Y. Steam Fitting Co., 137 Elm St., N. Y. City.
Hall, Robert E., Sec'y, N. Y. Steam Fitting Co , 137 Elm St., N. Y. City.

Heating and Ventilating

Allen, Albert M., Schofield Bldg., Cleveland, O.
Boyer, Shirk, Chief Engineer, Julius Pintsch, Berlin, O. 27, Andreas Str., 72, Germany.
Brinckerhoff, Alex. G., Johnson & Morris, 30 W. 13th St., N. Y. City.
Chandler, R. E., A. & M. College, Stillwater, Okla.
Chasteney, C. D., De Laval Steam Turbine Co., Trenton, N. J.
Foppes, Alfred, R. Otto Meyer, Ltd., Norfolk House, Norfolk St., Strand, London, W. C., England.
Graupner, Paul C. A., 457 Germania Ave., Jersey City Heights, N. J.
Hall, Burton P., Treas., N. Y. Steam Fitting Co., 137 Elm St., N. Y. City.
Hall, Robert E., Sec'y, N. Y. Steam Fitting Co., 137 Elm St., N. Y. City.
Hoffman, Chas. S., Baker Smith & Co., 83 W. Houston St., N. Y. City.
Nettleton, L. H., Asst. Supt. Gillis & Geoghegan, 537–539 W. B'way, N. Y. City.
Pearce, C. E., Rossman & Bracker Co., 11 E. 22d St., N. Y. City.
Peck, Chas. B., Mgr., N. Y. Office, B. F. Sturtevant Co., 131 Liberty St., N. Y. City.

Randolph, L. S., The Poly Technical Institute, Blacksburg, Va.
Roberts, E. P., Schofield Bldg, Cleveland, O.
Roberts, W. H. H., Supt., Powers Regulator Co., 111 Fifth Ave., N. Y. City.
Schaub, Albert H., Buffalo Forge Co., 39 Cortlandt St., N. Y. City.
Seaman, D. S., The Green Fuel Economizer Co., Exchange Bldg., Boston, Mass.
Watkins, Howard, Baker Smith Co., 83 W. Houston St., N. Y. City.

Heavy Hardware

Ogden, F. D., Treas. and Director, J. E. Ogden & Co., 147 Cedar St., N. Y. City.

Hoisting and Conveying Machinery

Corbett, Wm. H., Pres. and Mgr., Williamette Iron and Steel Works, Portland, Ore.
Crowell, H. W., Fidelity and Casualty Co., 97 Cedar St., N. Y. City.
Dale, O. G., Mgr., Mead Morrison Mfg. Co., 11 Broadway, N. Y. City.
Hewitt, Wm., Trenton Iron Co., Trenton, N. J.
Hidden, Chas. P , Standard Stopper Co., Jersey City, N. J.
Hutchings, C. F., Sprague Electric Co., Bloomfield, N. J.
Lidgerwood, J. H., Lidgerwood Mfg. Co., Brooklyn, N. Y.
Merrick, H. L., Robins Conveying Belt Co., Passaic, N. J.
Plum, Frank H., C. W. Hunt & Co., West New Brighton, S. I., N. Y.
Searing, Lewis, Vice-Pres. and Genl. Mgr., Denver Eng'g Works, Denver, Colo.
Wachter, Chas. L., Lidgerwood Mfg. Co., 96 Liberty St., N. Y. City.
Woolson, C. G., Robins Conveying Belt Co., Park Row Bldg., N. Y. City.

Hotels

Bang, Henry A., Pres. and Sec'y, Le Barton Hotel Co., 308 W. 58th St., N. Y. City.
Kletzsch, Alvin P., Mgr., Republican House, Milwaukee, Wis.
Muschenheim, F. A., Mgr., Hotel Astor, N. Y. City.

Hot Air Engines

Bray, Wm. J., Consolidated Gas Co., Spring Garden Works, Baltimore, Md.

Hydraulic Machinery

Chasteney, C. D., De Laval Steam Turbine Co., Trenton, N. J.
Hidden, Chas. P., Standard Stopper Co., Jersey City, N. J.
Kingsford, R. T., Clinton, Oneida Co., N. Y.

Hydraulic Presses

Buckley, Thos. J., Midvale Steel Co., Nicetown, Pa.
Ebsen, W. A., Blake & Knowles Steam Pump Co., 114 Liberty St., N. Y. City.

Hydraulic Rams

Foster, E. H., Vice-Pres., Power Specialty Co., 111 Broadway N. Y. City.

Importers

Oelbermann, J., W. D. Oelbermann & Co., 124 So. Front St., Philadelphia, Pa.

Incandescent Electric Lamps

Campbell, Edw., Sec'y and Treas., Germania Electric Lamp Co., Harrison, N. J.
Howell, John W., General Electric Co., Harrison, N. J.
Tock, C. R., Mgr., Ravenna Lamp Factory, Ravenna, O.

Incandescent Gas Lamps

Brett, Harvey, Supt., Rochester Valve Co., 27 Clinton Ave., So., Rochester, N. Y.

Incandescent Gas Mantles

Brett, Harvey, Supt., Rochester Valve Co., 27 Clinton Ave. So., Rochester, N. Y.

Incandescent Lamp Filaments

Jackson, Francis E., Francis E. Jackson, 128 Essex Ave., Orange, N. J.

Indicator, Steam Engine

Ennis, J. E., Interborough Rapid Transit Co., 74th St. and East River, N. Y. City.

Industrial Railroad

Merrick, H. L., Robins Conveying Belt Co., Passaic, N. J.

Industrial Railway

Flack, J. Day, C. W. Hunt Co., West New Brighton, S. I., N. Y.
Gildersleeve, D. H., C. W. Hunt Co., West New Brighton, S. I., N. Y.

Injectors

Nathan, Alfred, Vice-Pres., Nathan Mfg. Co., 92 Liberty St., N. Y. City.

Ink Rollers

Bingham, Carl G., Saml. Bingham's Son Mfg. Co., 201 Canal St., Chicago, Ill.

Inspectors

Annett, E. B., Consolidated Gas Co., 4 Irving Place, N. Y. City.

Bruen, Albert E., Underwriters Bureau, Middle and Southern States, 71 William St., N. Y. City.
Chapman, Alexander, Rail Joint Co., 29 W. 34th St., N. Y. City.
Daw, W. L., Middle States Inspection Bureau, 58 William St., N. Y. City.
Flannery, Wm., New York Central R. R., Grand Central Station, N. Y. City.
Hayward, Henry S., Franklin Mfg. Co., Franklin, Pa.
Jennings, Wm. J., R. W. Hunt & Co., 1121 The Rookery, Chicago, Ill.
Keepers, Edgar S., Middle States Inspection Bureau, 58 William St., N. Y. City.
Lexow, Allen T., N. Y. & N. J. Telephone Co., 547 Clinton Ave., Brooklyn, N. Y.
Mallalieu, W. E., Natl. Board of Fire Underwriters, 32 Nassau St., Room 1001, N. Y. City.
McKinlay, H. de L., Hildreth & Co., 130 Summac St., Wissahickon, Phila., Pa.
Morley, Chas. N., N. Y. & N. J. Telephone Co., 547 Clinton Ave., Brooklyn, N. Y.
Paulson, Wm. E., Consolidated Gas Co., 4 Irving Place, N. Y. City.
Raphel, Henry J., The N. Y. Central & Hudson River R. R., N. Y. City.
Rusling, W. J., Pennsylyania R. R., 28th St., Pittsburg, Pa.
Scott, Fred E., Astoria Light, Heat & Power Co., Astoria, L. I., N. Y.
Streeter, L. P., Southern Pacific Co., Los Angeles, Cal.
Wilbor, Anson G., Factory Insurance Assn., 95 Pearl St., Hartford, Conn.

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Garcia, Celestino, Mechanical Drawing, Cooper Institute, N. Y. City.
Halliday, Wm. R., Mech. Draw'g and Designing, Stevens Institute, Hoboken, N. J.
Handforth, W. S., Manual Training, Public School, N. Y. City and Mohegan, N. Y.
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Mitchell, H. F., Physics, College City of N. Y., 17 Lexington Ave., N. Y. City.

Shoudy, Wm. A., Experimental Eng'g, Stevens Institute, Hoboken, N. J.

Instruments for Testing Materials

Henning, Gus C., 150 Nassau St., N. Y. City.

Insurance

Borland, L. J., German-American Insurance Co., 35 Nassau St., N. Y. City.

Insurance Companies, Accident

Crowell, H. W., Fidelity & Casualty Co., 97 Cedar St., N. Y. City.

Harvey, D. C., Fidelity & Casualty Co., 97 Cedar St., N. Y. City.

Law, Frank E., Fidelity & Casualty Co., 97 Cedar St., N. Y. City.

Insurance Companies, Fire

Bruen, Albert E., Underwriters Bureau Middle & Southern States, 71 William St., N. Y. City.

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Fechheimer, S., Louisiana Fire Prevention Bureau, 809 Hibernia Bank Bldg., New Orleans, La.

Griswold, Harold E., Phœnix Insurance Co. of Hartford, 35 Nassau St., N. Y. City.

Miller, G. Hope, Agricultural Insurance Co., 422 Walnut St., Phila., Pa.

Plyer, Geo. G., Continental Fire Insurance Co. of N. Y., 428 Walnut St., Phila., Pa.

Wilbor, Anson G., Factory Insurance Assn., 95 Pearl St., Hartford, Conn.

Williams, Alonzo R., N. Y. Underwriters Agency, 100 William St., N. Y. City.

Insurance Companies, Life

Hamilton, James B., Mutual Life Insurance Co., 32 Nassau St., N. Y. City.

Vogelius, C. F., Equitable Life Assurance Society, 120 Broadway, N. Y. City.

Insurance, Marine

Orr, Alex M., Jr., Henry J. Gielow, 50 Broadway, N. Y. City.

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Thompson, Edw. P., 156 Fifth Ave., N. Y. City.

Iron

Dreyspring, Ernest, Williamson Iron Co., Birmingham, Ala.

Iron and Brass Fittings for Steam, Water and Gas

Church, W. D., Director, M. W. Kellogg & Co., 143 Liberty St., N. Y. City.

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Iron Founders

Anderson, St. George M., Supt., Rolling Mills of The Tredegar Co., Richmond, Va.

Cox, F. Wm., Sec'y and Asst. Supt., The Cox & Sons Co., 81 Water St., Bridgeton, N. J.

DeHart, J. S., Jr., Pres., Isbell-Porter Co., 46 Bridge St., Newark, N. J.

Eastwood, James, Pres. and Treas., Benj. Eastwood Co., 300 Straight St., Paterson, N. J.

Everitt, Frank C., J. L. Mott Co., Trenton, N. J.

Ferguson, John F., Ferguson & Son, 1122 Park Ave., Hoboken, N. J.

Gerdes, Henry T., W. H. Treadwell & Co., 95 Liberty St., N. Y. City.

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Iron and Steel

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Williams, Harold E., Natl. Tube Co., 1821 Frick Bldg., Pittsburg, Pa.
Woolsey, Arthur E., Ill. Steel Co., S. Chicago, Ill.

Iron Work, Ornamental

Everitt, Frank C., J. L. Mott Co., Trenton, N. J.
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Iron Work, Structural

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Jewelry Manufacturer

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Journalism

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Kerosene Engines

Aldrich, Roger C., Sec'y, Duryea Power Co., Reading, Pa.
Hasbrouck, Stephen A., Hasbrouck Motor Works, Inc., 155 Water St., New London, Conn.

Kilns

Percy, John C., Edison Portland Cement Co., Stewartsville, N. J.

Labor-Saving Appliances

Beach, Willard J., Heyl & Patterson, 51 Water St., Pittsburg, Pa.

Lamps, Arc

MacGregor, W. H., Westinghouse Electric and Mfg. Co., 11 Pine St., N. Y. City.

Lamps, Electric Incandescent

Campbell, Edw., Sec'y and Treas., Germania Electric Lamp Co., Harrison, N. J.
Howell, John W., General Ele tric Co., Harrison, N. J.
Jackson, Henry W., Sawyer Man Electric Co., 510 W. 23d St., N. Y. City.

Landscape Architect

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Launches

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Weeks, Frank J., 58 W. 104th St., N. Y. City.
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Messimer, R. L., Messimer & Campbell, 56 Pine St., N. Y. City.
Plaisted, H. M., American Steel Foundries, Granite City, Ill.

Lead Manufacturer

Tatham, Edwin, Tatham Bros., 82 Beekman St., N. Y. City.

Leather

Gilmore, J. W., 1st Vice-Pres., Crouch & Fitzgerald Co., 352 W. 41st St., N. Y. City.
Newell, Chas. Z., Federal Leather Co., 56 Union Square, N. Y. City.
Shepard, Horace L., The Geo. A. Shepard & Sons Co., Bethel, Conn.

Leather, Artificial

Aspinwall, John, Pres., Fabrikcid Co., Newburgh, N. Y.

Leather Tires

Hays, David, The Healy Leather Tire Co., 88 Gold St., N. Y. City.
Healy, Raymond, The Healy Leather Tire Co., 88 Gold St., N. Y. City.

Licorice

Scheel, Henry V. R., MacAndrews & Forbes Co., Third and Abingdon Aves., Newark, N. J.

Lighting Plants Designed and Installed

LaPointe, Frank A., 257 Twelfth St., Hoboken, N. J.

Locks and Hardware

Magovern, E. E., Rooms 1301 and 1302, 299 Broadway, N. Y. City.

Locomotives

Antz, Oscar, Lake Shore & Michigan So. Ry., Elkhart, Ind.
Gildersleeve, David H., C. W. Hunt & Co., West New Brighton, S. I., N. Y.
Hodges, Chas. B., Asst. Supt., H. K. Porter & Co., 49th St. and A. V. Ry., Pittsburg, Pa.
Loizeaux, Alfred S., Ry. Eng'g Dept., General Electric Co., Schenectady, N. Y.
Murphy, Benjamin S., Pennsylvania R. R.. Altoona Machine Shops, Altoona, Pa.
Streeter, L. P., Southern Pacific Co., Los Angeles, Cal.
Wall, George L., Lima Locomotive Machine Co., Lima, O.

Locomotive Builders

Cooke, Fred W., American Locomotive Co., Cooke Works, Paterson, N. J.
Lord, Edmund P., Genl. Mgr. and Director, H. K. Porter Co., 49th St. and A. V. R. R., Pittsburg, Pa.
Sague, J. E., Vice-Pres., American Locomotive Co., 111 Broadway, N. Y. City.
Tweedy, Jas. A., American Locomotive Co., Richmond, Va.
Wall, George L., Lima Locomotive Machine Co., Lima, O.

Locomotive Testing

Goode, C. Bates, Atchison, Topeka & Santa Fe R. R. Co., Topeka, Kas.

Lubricants

Buerger, Chas. B., Atlantic Refining Co., 3144 Passyunk Ave., Philadelphia, Pa.
Dashiell, Wm. W., Pres , N. Y. Lubricating Oil Co., 116 Broad Street, N. Y. City.
MacNaughton, M., Supt., Jos. Dixon Crucible Co., Jersey City, N. J.

Lubricators

Nathan, Alfred, Vice-Pres., Nathan Mfg. Co., 92 Liberty St., N. Y. City.

Lumber

Betts, H. S., Forest Service, Washington, D. C.
Botchford, Henry J., Mgr., Carbondale Machine Co., 544 Tremont Bldg., Boston, Mass.
Chapin, Warren W., Iberville Lumber Co. of N. Y. and P. Q., Canada, 49 Broadway, N. Y. City.
Christy, C. R., Jr., Member of firm, C. R. Christy & Son, 149 Broadway, N. Y. City.
Christy, J. L., Treas., Christy, Moir & Co., 149 Broadway, N. Y. City.
DeCamp, Lyon, Fulton Chain, Herkimer Co., N. Y.
Meeks, Howard V., Sec'y, Gardner & Meeks Co., 212 Union St., Town of Union, N. J.

Lumber, Structural

Betts, H. S., Forest Service, Washington, D. C.

Machine Design

Benjamin, Israel, Edison Portland Cement Co., 229 E. Broadway, N. Y. City.

Machine Tools

Anderson, Larz W., Sec'y and Treas., Cincinnati Shaper Co., Cincinnati, O.
Gunagan, R. H., Equipment Dept. Bldg. 9, Navy Yard, Brooklyn, N. Y.
Handloser, R. C., Niles-Bement-Pond Co , Berlin W. 8, Charlotten Str. 50, Germany.

Machinery

Assmann, F. P., Sec'y and Treas., Continental Can Co., 1016 E. Water St., Syracuse, N. Y.
Corbett, Wm. H., Pres. and Mgr., Williamette Iron and Steel Works, Portland, Ore.
Pierson, W. D., Sec'y, The Waterbury Machine Co., Waterbury, Conn.

Machinery, Excavating

Coffey, Barton H., Vice-Pres. and Genl. Mgr., Submarine Contracting Co., 81 New St., N. Y. City.

Machinery, Marble

Peirce, J. R., Empire City Marble Co., 250 Eleventh Ave., N. Y. City.

Magnesia

Benedict, Harding, R. A. Keasbey & Co., 100 No. Moore St., N. Y. City.

Manual Training

Sander, R. H., High School, Bayonne, N. J.

Manufacturers' Agents

Campbell, N. St. G., 91 Wall St., N. Y. City.
Frazar, E. W., Partner, Sale & Frazar, Yokohama, Japan.
Gallaher, E. B., 228 West 58th St., N. Y. City.
Magee, Frank A., Revere Rubber Co., 1021 Fidelity Bldg., Buffalo, N. Y.
Muldaur, George B., 141 Broadway, N. Y. City.
Sorge, Adolph, Jr., Adolph Sorge, Jr. & Co., 1019 Monadnock Block, Chicago, Ill.
Zusi, L. B., Calvert Zusi Auto Co., 215 Clinton Ave., Newark, N. J.

Manufacturers

Martinez, Simeon, No. 5 Ensaye Viejo, Guanajuato, Mexico.
Royle, V. E., John Royle & Sons, Paterson, N. J.
Sinclair, G. M., 710 Provident Bldg., Philadelphia, Pa.

Manufacturers' Supplies

Kollstede, George, Treas., U. S. Mill Supply Co., Providence, R. I.
Welles, E. R., M. W. Kellogg Co., 143 Liberty St., N. Y City.

Manufacturing Problems

Tucker, Benjamin W., 143 Liberty St., N. Y. City.

Marine Engines

Abe, Keuchi, Mitsu Bishi Dockyard and Engine Works, Nagasaki, Japan.

Marine Plumbing

Allan, Percy, Sec'y, Jenkins Mfg. Co., Farrand St., Bloomfield, N. J.

Marine Pumps

Berg, Howard M., International Steam Pump Co., 114 Liberty St., N. Y. City.

Mason Builders

Whitney, Alfred R., Jr., Pres., A. R. Whitney, Jr., & Co., 135 Broadway, N. Y. City.

Master Mechanic (R. R.)

Wallis, James T, N, C, Ry., Mount Vernon Shop, Baltimore, Md.

Mathematical Instruments

Lorsch, Edwin S., Sussfield, Lorsch & Co., 37 Maiden Lane, N. Y. City.
Parsell, Henry V. A., Pres. and Treas., Parsell & Weed, 129 W. 31st St., N. Y. City.

Measuring Instruments

Bond, Geo. M., 141 Washington St., Hartford, Conn.

Mechanical Stokers

Bachmann, Valentine, Avenue Mills, Ray St. and Madison Ave., Indianapolis, Ind.

Merchants

Echeverria, Ricardo J., 5d Ave. Sur No. 62, Guatemala City, Guatemala.

Metallurgist

Stanley, Robt. C., Asst. Supt., Orford Copper Co., Box 44, New Brighton, S. I., N. Y.
White, Maunsel, 940 Lafayette St., New Orleans, La.

Metals, Perforated

Hamilton, Wm. J., Asst. Sec'y, Hendrick Mfg. Co., Carbondale, Pa.

Metal, Piston Bearing

Lent, Leon B.. Chief Engineer, Ward & Upright Eng'g Co., 41 York St., Brooklyn, N. Y.

Minerals

Greve, E. E., Asst. Supt., Transcontinental Transportation and Mining Co., Georgetown, Colo.
Jackson, B. H., Boulder, Colo.
Pfordte, Otto F., Rutherford, N. J.

Mineral Waters

Dates, Frederic D., Supt., Carl H. Schultz, 440 First Ave., N. Y. City.

Mining

Jackson, B. H., Boulder, Colo.

Mining Machinery

Carter, R. S., Asst. Mgr., Ingersoll-Rand Co. of N. Y., 77 Oliver St., Boston, Mass.
Heger, Wm. S., Allis-Chalmers Co., Milwaukee, Wis.
Harrington, H. G., N. J. Zinc Co., 71 Broadway, N. Y. City.
Munby, E. J., Auriferous Pyrites By Products Co., 149 Lupus St., London, S. W., England.
Patterson, A. W., Ingersoll-Rand Co., 2020 Farmers Bank Bldg., Pittsburg, Pa.
Searing, Lewis, Vice-Pres. and Genl. Mgr., Denver Eng'g Works Co., Denver, Colo,

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Model and Experimental Work

Tucker, Benjamin W. 143 Liberty St., N. Y. City.

Motor Boats

Graham, Frank D., Ray Car Motor Boat and Machine Co., College Point, L. I., N. Y.

Motor Cars

Aldrich, Roger C., Sec'y, Duryea Power Co., Reading, Pa.
Birdsall, Edward T., Pres. and Chief Engineer, Birdsall Automobile Co., 302 Broadway, N. Y. City.
Riege, Rudolph, Electric Vehicle Co., Hartford, Conn.
Sanders, Lewis, General Electric Co., West Lynn, Mass.
Smith, Annesley DeLos, 156 Fifth Ave., N. Y. City.
Zusi, L. B., Calvert Zusi Auto Co., 215 Clinton Ave., Newark, N. J.

Motors, Electric Railway

Marvin, Richard H., Testing Dept., General Electric Co., Schenectady, N. Y.
Trube, Gustave A., British Westinghouse Co., Ltd., Trafford Park, Manchester, Eng.

Motors, Gasoline

Aldrich, Roger C., Sec'y, Duryea Power Co., Reading, Pa.

Music Playing Apparatus (Electric)

Kelly, John F., Pres., Telectric Co., Pittsfield, Mass.

Music Teacher

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Naval Constructors

Stahl, Albert W., Navy Dept., Washington, D. C.

Office Systems

Beard, Maximilian C., Elliott Fisher Co., 329 Broadway, N.Y. City.

Oils

Gause, F. T., Standard Oil Co., Yokohama, Japan.

Oil Burning

Goode, C. Bates, Atchison, Topeka & Santa Fé R. R. Co., Topeka, Kas.

Oil Engines

Westerfield, J. R., Pres., American Oil Engine Co., 100 Broadway, N. Y. City.

Oil Drilling Supplies

Gnade, E. R., Oil Well Supply Co., Oil City, Pa.

Oil and Natural Gas

Knapp, Isaac N., P. O. Box 1564, Philadelphia, Pa.

Oil Refining

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Ore Concentration

Pfordte, Otto F., Rutherford, N. J.

Oyster Growers

Carll, Benjamin W., Sec'y and Chief Engineer, N. S. Ackerly & Son Co., Northport, Long Island, N. Y.

Packing Cans

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Packing Case Manufacturer

Axford, W. B., Supt., Veneer Box and Panel Co., Greenville, Me.

Paper Box Manufacturer

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Paper Manufacturers

Butterworth, Sam F., F. G. Ten Broeck, 309 Broadway, N. Y. City.

Coker, J. L., Jr., Treas., Carolina Fibre Co., Hartsville, S. C.

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Physics

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Pipe and Fittings

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Ingham, Wm. G., Warren Foundry and Machine Co., Phillipsburg. N. J.

Pearce, Chouteau E., Rossman & Bracker Co., 11 E. 22d St., N. Y. City.

Todd, George L., Vice-Pres., Nason Mfg. Co., 71 Fulton St., N. Y. City.

Welles, Edw. R., M. W. Kellogg & Co., 143 Liberty St., N. Y. City.

Williams, Harold E., Natl. Tube Co., 1821 Frick Bldg., Pittsburg, Pa.

Pipe Lines

Wilcox, Frank, T. A. Gillespie Co., 800 Westinghouse Bldg., Pittsburg, Pa.

Pipe, Riveted Steel

Machold, Charles E., Machold & Riddell, 1020 Stephen Girard Bldg., Philadelphia, Pa.

Plate Steel Construction

Furman, George B., L. O. Koven & Bro., 50 Cliff St., N. Y. City.

Plows and Saw Mills

Wettlaufer, Louis F., A. B. Farquhar & Co., Cotton Exchange Bldg., N. Y. City.

Plumbago

MacNaughton, Malcolm, Supt., Jos. Dixon Crucible Co., Jersey City, N. J.

Seeman, Edgar G., Mgr., S. Obermayer Co., 120 Liberty St., N. Y. City.

Plumbago Plates

Davis, J. A., Sec'y, R. C. Hoffman & Co., Continental Bldg., Baltimore, Md.

Plumbers' Supplies

Cuming, Thos. B., Meyer-Sniffen Co., Ltd., 5 E. 19th St., N. Y City.

Plumbing

Pearce, C. E., Rossman & Bracker Co., 11 E. 22d St., N. Y. City.

Pneumatic Ticket

Mylius, R. W., Western Electric Co., West and Bethune Sts., N. Y. City.

Pneumatic Tools

Carter, R. S., Ingersoll Rand Mfg. Co., 77 Oliver St., Boston, Mass.

Power Companies

Adger, John B., Pres. and Treas., Belton Power Co., Belton, S. C.
Bumsted, E. B., Genl. Mgr., St. Lawrence River Power Co., Massena, N. Y.
Campbell, Grant, Westinghouse, Church, Kerr & Co., 10 Bridge St., N. Y. City.
Doty, Paul, Vice-Pres. and Genl. Mgr., St. Paul Gas Light Co., St. Paul, Minn.
Goode, C. Bates, Atchison, Topeka & Santa Fe R. R., Topeka, Kas.
Gould, M. D., Niagara Construction Co., Niagara Falls, S. Ontario, Canada.
Gutierrez, J. R., Santi Spiritus, Cuba.
Holberton, Geo. C., Cal. Gas & Elec. Corporation, P. O. Box 426, Oakland, Cal.
Parsons, H. deB., 22 William St., N. Y. City.
Weichert, Arnold E., J. G. White & Co., 43-49 Exchange Place, N. Y. City.

Power Development, Design and Erection

Aldrich, Wm. S., Director, T. G. Clarkson Memorial School of Technology, Potsdam, N. Y.

Power Plants

Badenhausen, John P., Sec'y and Treas., Pacific Eng'g Co., 75 Washington St., Seattle, Wash.
Carey, Paul C., Member of firm, Runyon & Carey, 122 Market St., Newark, N. J.
Darby, John, Mackenzie, Quarrier & Ferguson, 114 Liberty St., N. Y. City.
Dix, Walter S., Sanderson & Porter, 52 William St., N. Y. City.
Ennis, Wm. D., 20 Watkins Ave., Oneonta, N. Y.
Fuller, Arthur A., Providence Engineering Works, Providence, R. I.
Hughes, R. G., Sec'y, John W. Ferguson Co., United Bank Bldg., Paterson, N. J.
Kidde, Walter, 85 Liberty St., N. Y. City.
McElroy, Joseph A., Director, Macartney, McElroy & Co., Ltd., 53 Victoria St., London, S. W., England.
McLean, Embury, Genl. Mgr., The Engineering Co., 195 Broadway, N. Y. City.
McLean, North, The Engineering Co., 195 Broadway, N. Y. City.
Whiting, C. W., 53 State St., Boston, Mass.

Power Plant Design

Bates, James H., F. S. Pearson, 25 Broad St., N. Y. City.

Power Plants Designed and Installed

Burhorn, Edwin, 71 Wall St., N. Y. City.

Power Plant Operation

Layat, Felix, N. J. Zinc Co., Palmerton, Carbon Co., Pa.

Power Transmission Machinery

Boller, A. P., Genl. Mgr., Chapman Double Ball Bearing Co. of America, 40 Bristol St., Boston, Mass.

Corbett, Wm. H., Pres. and Mgr., Williamette Iron & Steel Works, Portland, Ore.

Dreyfus, Edwin D., Allis Chalmers Co., Milwaukee, Wis.

Eastwood, James, Pres. and Treas., Benj. Eastwood Co., 300 Straight St., Paterson, N. J.

Jacobs, Wm. E., Jones & Jacobs, Box 1132, Salt Lake City, Utah.

Magruder, Wm. T., Ohio State University, Columbus, O.

Summerhayes, H. R., Foreign Dept., General Elec. Co., Schenectady, N. Y.

Woodward, Arthur C., A. & F. Brown Co., Elizabethport, N. J.

Preserved Fruits

Dilworth, Wm. S., Gordon & Dilworth, 563 Greenwich St., N. Y. City.

Presses, Die and Tools

Hidden, Chas. P., Standard Stopper Co., Jersey City, N. J.

Pressure Blowers

Gaylord, H. B., B. F. Sturtevant Co., 135 N. 3d St., Philadelphia, Pa.

Print Works

Appleton, H. W., Passaic Print Works, Passaic, N. J.

Printers

Dear, Wm. Y., 37 Montgomery St., Jersey City, N. J.

Printers Rolls

Cooper, Stuart, Treas. and Mgr., Bernham Dietz Co., 201 W. Conway St., Baltimore, Md.

Producer, California Wines

Stern, Alfred, 903 Macy St., Los Angeles, Cal.

Promoters

Field, C. J., Genl. Mgr. and Chief Engineer, Esperanza Central Sugar Co., 78 Wall St., N. Y. City.

Parker, Frank L., Pres., North Star Ry. Co., 824 Alaska Bldg., Seattle, Wash.

Pulp Manufacturers

Thomas, Chas. W., N. C. College of Agriculture and Mechanic Arts, W. Raleigh, N. C.

Pumps

Berg, Howard M , International Steam Pump Co., 114 Liberty St., N. Y. City.

Delafield, Eugene L., Wm. E. Quimby, Inc., 44 E. 23d St., N. Y. City.

Quimby, Wm. E., Pres., Wm. E. Quimby, Inc., 44 E. 23d St., N. Y. City.

Scribner, Chas. W., 39 Cortlandt St., N. Y. City.

Pumps, Artesian Well, Air Lifts

Brooks, Royal Deane, International Steam Pump Co., 114 Liberty St., N. Y. City.

Carter, R. S., Ingersoll Rand Co., 77 Oliver St , Boston, Mass.

Torrance, Kenneth, Water Supply, Ridgewood Pumping Sta., Atlantic Ave., Brooklyn, N. Y.

Pumps, Turbine

Backus, R. G., Jeanesville Iron Works, Hazleton, Pa.

Pumping Engines

Connet, Frederick N., Builders Iron Foundry, Providence, R. I.

Pumping Machinery

Boller, A. P., Jr., Genl. Mgr., Chapman Double Ball Bearing Co. of America, 40 Bristol St., Boston, Mass.

Brooks, R. D., International Steam Pump Co., 114 Liberty St., N. Y. City.

Ebsen, Wm. A., Blake & Knowles Steam Pump Co., 114 Liberty St., N. Y. City.

Foster, E. H., Vice-Pres., Power Specialty Co., 111 Broadway, N. Y. City.

Hussey, Wm. E., Mgr., N. Y. Office, Providence Engineering Co., 42 Broadway, N. Y. City.

Myers, C. T., International Steam Pump Co., Pittsburg, Pa.

Ode, Randolph T., Sec'y, Providence Engineering Works, Providence, R. I.

Searing, Lewis, Vice-Pres. and Genl. Mgr., Denver Engineering Works, Denver, Colo.

Torrance, Kenneth, Dept. Water Supply, Ridgewood Pumping Sta., Brooklyn, N. Y.

Pumping Plants

Anderson, Robt. M., Treas., Hudson Engineering and Contracting Co., 92 William St., N. Y. City.

Purchasing Agent

Bang, Arthur C., Mgr., E. S. Willard & Co., 45 Pine St., N. Y. City.

Pyrometers

Bristol, Wm. H., 45 Vesey St., N. Y. City.
Decker, Edwin. L., Uehling-Decker Co., Passaic, N. J.
Kemble, Edmund, Chas. J. Tagliabue Mfg. Co., 53 Fulton St., N. Y. City.
Koester, Herman, Wm. H. Bristol Pyrometer Co., 45 Vesey St., N. Y. City.
Mertlemeyer, G., Wm. H. Bristol, 45 Vesey St., N. Y. City.
Uehling, Edw. A., 135 Broadway, N. Y. City.
Zusi, N. E., Wm. H. Bristol Pyrometer Co., 45 Vesey St., N. Y. City.

Radiators

Strong, Wm. E. S., American Radiator Co., 284 Michigan Ave., Chicago, Ill.
Younglove, R. S., South Works, Illinois Steel Co., South Chicago, Ill.

Rail Joints

Braine, B. G., Rail Joint Co., 29 W. 34th St., N. Y. City.
Condit, E. A., Jr., Rail Joint Co., 709 Lewis Block, Pittsburg, Pa.
Hagar, Arthur P., Asst. Supt., Rail Joint Co., Troy, N. Y.
Lewis, E. D., Rail Joint Co., 29 W. 34th St., N. Y. City.

Railroad Construction

Gubelman, F. J., Vice-Pres., O'Rourke Eng'g Co., 1 W. 34th St., N. Y. City.

Railroad Supplies

Axford, W. B., Supt., Veneer Box & Panel Co., Greenville, Me.
Chapman, Alexander, Rail Joint Co., 29 W. 34th St., N. Y. City.
Condit, E. A., Jr., Rail Joint Co., 709 Lewis Block, Pittsburg, Pa.
Cuntz, Wm. C., Pennsylvania Steel Co., Steelton, Pa.
Davis, J. A., Sec'y, R. C. Hoffman Co., Continental Bldg., Baltimore, Md.
Dixon, J. A., Genl. Supt., Pintsch Compressing Co., 160 Broadway, N. Y. City.
Field, Wm. A., Genl. Supt., So. Works, Illinois Steel Co., South Chicago, Ill.
Hagar, Arthur P., Asst. Supt., Rail Joint Co., Troy, N. Y.
Hayward, Henry S., Franklin Mfg. Co., Franklin, Pa.
Henry, J. S., Safety Car Htg. & Ltg. Co., 160 Broadway, N. Y. City.
Knox, S. L. G., Vice-Pres. and Chief Engineer, The Bucyrus Co., S. Milwaukee, Wis.
Magee, Frank A., Revere Rubber Co., 1021 Fidelity Bldg., Buffalo, N. Y.
Newell, Chas. Z., Federal Leather Co., 56 Union Square, N. Y. City.

Rose, Rudolph V., Niagara Falls Power Co., Niagara Falls, N. Y.
Vuilleumier, R., Pintsch Compressing Co., 160 Broadway, N. Y. City.
Whitney, Oscar C., Pintsch Compressing Co., 160 Broadway, N. Y. City.

Rails

Davis, J. A., Sec'y, R. C. Hoffman & Co., Continental Bldg., Baltimore, Md.
Field, Wm. A., Genl. Supt., So. Works, Illinois Steel Co., South Chicago, Ill.

Railway Construction and Maintenance

Brune, Percy J., United Railways of Havana, Havana, Cuba.

Railway, Electric

Gibbs, George, Chief Engineer, L. I. R. R., 10 Bridge St., N. Y. City.
Sidman, Alfred G., L. B. Stillwell, 100 Broadway, N. Y. City.

Railway, Electric Street

Wainright, Arthur V., Conn. Ry. & Lighting Co., South Norwalk, Conn.

Railway Operation, Economic

Hopkins, Guy, Southern Pacific R. R., New Orleans, La.

Railway Repair Shops

Irwin, F. K., N. Y., N. H. & Hartford R. R. Co., Room 524, S. Terminal, Boston, Mass.

Railway Signals

Burke, Edmund J., Pres., Blake Signal & Mfg. Co., 246 Summer St., Boston, Mass.
Morris, A. S., Partner to P. H. Morris, 1501 S. Front St., Philadelphia, Pa.

Real Estate

Hoffman, Samuel V., 258 Broadway, N. Y. City.
Magee, Wm. A., Thos. Magee & Sons, 5 Montgomery St., San Francisco, Cal.
Moynan, F. H., Edward & Moynan, 9145 Commercial Ave., S. Chicago, Ill.

Real Estate Management

Renwick, Edw. B., Pusson & Renwick, 19 Park Place, N.Y. City

Recording Instruments

Bristol, B. B., Vice-Pres. and Sec'y, The Bristol Co., Waterbury, Conn.
Bristol, Wm. H., 45 Vesey St., N. Y. City.
Dennis, H. P., The Bristol Co., Waterbury, Conn.
Kemble, Edmund, Chas. J. Tagliabue Mfg. Co., 53 Fulton St., N. Y. City.
Smith, Arthur D., The Bristol Co., Waterbury, Conn.

Refrigerating Engineer

Allen, Albert M., Schofield Bldg., Cleveland, O.

Refrigerating Machinery

Billings, A. W., Carbondale Machine Co., Carbondale, Pa.
Botchford, H. J., Mgr., Carbondale Machine Co., 544 Tremont Bldg., Boston, Mass.
Chatard, Wm. M., Mgr., Carbondale Machine Co., 1412 Continental Trust Bldg., Baltimore, Md.
DeHart, J. S., Pres., Isbell-Porter Co., 46 Bridge St., Newark, N. J.
Graupner, Paul C. A., 457 Germania Ave., Jersey City Heights, N. J.
Guttin, Henry, 424 W. 20th St., N. Y. City.
Hiller, N. H. Vice-Pres., Carbondale Machine Co , Carbondale, Pa.
Holcombe, E. M., Carbondale Machine Co., Carbondale, Pa.
Maul, Wm. C., Isbell-Porter Co., 46 Bridge St., Newark, N. J.
Parsons, W. E., 12 Bridge St., N. Y. City.
Reitze, George, De La Vergne Refrigerating Machine Co., Ft. E. 138th St., N. Y. City.
Richardson, Geo. P., Isbell-Porter Co., 46 Bridge St., Newark, N. J.
Torrance, Henry, Mgr., Carbondale Machine Co., 141 Broadway, N. Y. City.
Trautwein, A. P., Pres., Carbondale Machine Co., Carbondale, Pa.

Registers, Hot Air

Tuttle, W. S., Sec'y, Tuttle & Bailey Mfg. Co., 82 N. 10th St., Brooklyn, N. Y.

Reinforced Concrete Construction

Barnum, D. D., Genl. Supt., Worcester Gas Light Co., 247 Main St., Worcester, Mass.
Buerger, Chas. B., Atlantic Refining Co., 3144 Passyunk Ave., Philadelphia, Pa.
Farrar, Wm. M., 156 Fifth Ave., N. Y. City.
Freygang. Henry, Prop., Midland Bridge Co., Box 385, Kansas City, Mo.
Ladd, James B., Real Estate Trust Bldg., Philadelphia, Pa.
Lawrence, F. V., Chief Engineer, Ransome & Smith Co., 11 Broadway, N. Y. City.
Merritt, James S., Pres. and Genl Mgr., Merritt & Co., 1022 Ridge Ave., Philadelphia, Pa.
Miller, Arthur B., Walter Kidde, 85 Liberty St., N. Y. City.
Raque, Philip E., 280 Broadway, N. Y. City.
Wolcott, Henry A., 49 Pearl St., Hartford, Conn.

Rheostats

Wagoner, P. D., General Electric Co., Schenectady, N. Y.

River and Harbor Improvements

Coffey, Barton, H., Vice-Pres. and Genl. Mgr., Submarine Contracting Co., 81 New St., N. Y. City.

Rock Drills

Carter, Russell S., Ingersoll Rand Co., 77 Oliver St., Boston, Mass.

Patterson, A. W., Jr., Ingersoll Rand Co., 2020 Farmers Bank Bldg., Pittsburg, Pa.

Rock and Ore Crushers

Van Saun, P. E., Chief Engineer, Traylor Engineering Co., 118 Liberty St., N. Y. City.

Rolling and Mill Machinery

Borcherdt, W. O., Milliken Bros., Room 1032, 11 Broadway, N. Y. City.

Brown, Willard, Garrett Cromwell Eng'g Co., 1404 New England Bldg., Cleveland, O.

Hamilton, Alex. K., Chief Engineer, Milliken Bros., Room 1032, 11 Broadway, N. Y. City.

Ladd, James B., Real Estate Trust Bldg., Philadelphia, Pa.

Leverich, Jerome W., Scranton Bolt & Nut Co., Scranton, Pa.

Rope

Flack, J. D., C. W. Hunt Co., West New Brighton, Staten Island, N. Y.

Plum, Frank H., C. W. Hunt Co., West New Brighton, Staten Island, N. Y.

Rubber Goods

Jones, Frank C., Pres., W. A. Underhill Brick Co., 1 Madison Ave., N. Y. City.

Magee, Frank A., Rever Rubber Co., 1021 Fidelity Bldg., Buffalo, N. Y.

Schlesinger, Alfred H., American Hard Rubber Co., 5th St. and 3d Ave., College Point, N. Y.

Rubber Insulated Wire

Jones, Frank C., Pres., W. A. Underhill Brick Co., 1 Madison Ave., N. Y. City.

Rubber Manufacturer

Sheldon, Wm. H., Wm. Sheldon Co., 35 Warren St., N. Y. City.

Safes and Bank Vaults

Kennedy, Anthony, Pres. and Genl. Mgr., U. S. Safe Co., Elizabeth, N. J.

Sales Agent

McGahie, F. H., E. W. Bliss Co., Brooklyn, N. Y.

Sales Engineer

Calisch, J. C., Mgr., General Electric Co., 677 Elliott Sq. Bldg., Buffalo, N. Y.

Salesman, Electric Machinery

Wreaks, Wm. B., Westinghouse Elec. and Mfg. Co., 812 Union Trust Bldg., Detroit, Mich.

Salt Manufacturer

Powell, Wm. B., Genl. Supt., Worcester Salt Co., Silver Springs, N. Y.

Saw Mill Machinery

Corbett, Wm. H., Pres. and Mgr., Williamette Iron and Steel Works, Portland, Ore.

Corbin, D., 296 McDonough St., Brooklyn, N. Y.

Wilkes, James R., Mecklenburg Iron Works, Charlotte, N. C.

Scientist

Blauvelt, C. D., Oradell, N. J.

Screening Machinery

Van Saun, P. E., Chief Engineer, Traylor Engineering Co., 118 Liberty St., N. Y. City.

Seamless Tubes

Erdman, Albert W., Supt., Randolph Clowes Co., Waterbury, Conn.

Separators

Dietz, Carl Fr., Supt., Lunkwitz Reduction Co., Warren, Grafton Co., N. H.

Mackenzie, W. P., Pres., Mackenzie, Quarrier & Ferguson, 114 Liberty St., N. Y. City.

Sorge, Adolph, Jr., A. Sorge, Jr. & Co., 1019 Monadnock Block, Chicago, Ill.

Sewerage Purifications

Jackson, Walter W., City Hall, Columbus, O.

Shafting

Eastwood, James, Pres. and Treas., Benj. Eastwood Co., 300 Straight St., Paterson, N. J.

Shapers, Manufacturer of

Anderson, Larz W., Sec'y and Treas., Cincinnati Shaper Co., Cincinnati, O.

Sheet Metal Goods

Assmann, F. P., Sec'y and Treas., Continental Can Co., 1016 E. Water St., Syracuse, N. Y.

Sheet Metal Work

Hamilton, Wm. J., Asst. Sec'y, Hendrick Mfg. Co., Carbondale, Pa.

Shop Management, Economical

Gantt, H. L., Sayles Bleacheries, Saylesville, R. I.

Silk Machinery

Eastwood, James, Pres. and Treas., Benj. Eastwood Co., 300 Straight St., Paterson, N. J.

Silk Manufacturer

Goldsmith, J. A., Hess, Goldsmith & Co., Wilkesbarre, Pa.

Silver Rollers

Terry, Thos. L., Vice-Pres., Wm. F. Renziehausen Co., 45 Oliver St., Newark, N. J.

Silversmiths

Davis, H. R., Gorham Mfg. Co., Providence, R. I.

Smelters

Kelly, Moore, Ajax Metal Co., 2d Natl. Bank Bldg., Pittsburg, Pa.

Soaps and Perfumes

Hagerty, Walter W., Colgate & Co., York and Greene Sts., Jersey City, N. J.

Special Machinery

Gerdes, Henry T., W. H. Treadwell & Co., 95 Liberty St., N. Y. City.

Speed Indicators

Koester, H., Wm. H. Bristol Pyrometer Co., 45 Vesey St., N. Y. City.

Zusi, Norman E., Wm. H. Bristol Pyrometer Co., 45 Vesey St., N. Y. City.

Stacks

Hyatt, H. R., Custodis Chimney Construction Co., 99 Nassau St., N. Y. City.

Joubert, Fred L., Payne & Joubert, New Orleans, La.

Phillips, Louis A., Associated with Edwin Burhorn, 71 Wall St., N. Y. City.

Walton, Druid A., Genl. Mgr., C. J. Walton & Son, 1219 W. Main St., Louisville, Ky.

Statistician

McCoy, Jos. S., Treasury Dept., Washington, D. C.

Steam Boilers

Antz, Oscar, Lake Shore & Michigan Ry., Elkhart, Ind.

Campbell, Grant, Westinghouse, Church, Kerr & Co., 10 Bridge St., N. Y. City.

Darby, John, Mackenzie, Quarrier & Ferguson, 114 Liberty St., N. Y. City.

Hoxie, W. D., Vice-Pres., Babcock & Wilcox Co., 85 Liberty St., N. Y. City.

Idell, F. E., Harrison Safety Boiler Works, 26 Cortlandt St., N. Y. City.
Idell, Percy C., Babcock & Wilcox Co., 85 Liberty St., N. Y. City.
Jones, Wm. A., Babcock & Wilcox Co., Bayonne, N. J.
Lewis, Nathan E., Babcock & Wilcox Co., 85 Liberty St., N. Y. City.
Longstreet, J. H., Prop., Riverview Iron Works, Bordentown, N. J.
Myers, C. T., International Steam Pump Co., Pittsburg, Pa.
Peabody, E. H., Babcock & Wilcox Co., 85 Liberty St., N. Y. City.
Phillips, Louis A., Associated with Ed. Burhorn, 71 Wall St., N. Y. City.
Webster, Hosea, Babcock & Wilcox Co., 85 Liberty St., N. Y. City.

Steam Boilers, Water Tube

Pratt, Auguste G., Babcock & Wilcox Co., Bayonne, N. J.

Steam Engines

Ball, F. O., American Engine Co., Bound Brook, N. J.
Bates, Geo. H., Chief Engineer, Buirlee Dry Dock Co., Port Richmond, S. I., N. Y.
Boller, A. P., Jr., Genl. Mgr., Chapman Double Ball Bearing Co. of America, 40 Bristol St., Boston, Mass.
Campbell, Grant, Westinghouse, Church, Kerr & Co., 10 Bridge St., N. Y. City.
Collyer, Chas. F., Watts Campbell Co., Newark, N. J.
Darby, John, Mackenzie, Quarrier & Ferguson, 114 Liberty St., N. Y. City.
Dreyfus, Edwin D., Allis Chalmers Co., Milwaukee, Wis.
Duer, John V. B., Westinghouse, Church, Kerr & Co., 10 Bridge St., N. Y. City.
Ennis, J. E., Interborough Rapid Transit Co., 74th St. and East River, N. Y. City.
Ennis, Wm. D., 20 Watkins Ave., Oneonta, N. Y.
Fuller, Arthur A., Supt., Providence Engineering Works, Providence, R. I,
Gunagan, R. H., Equipment Dept., Bldg. 9, Navy Yard, Brooklyn, N. Y.
Heger, Wm. S., Allis Chalmers Co., Milwaukee, Wis.
Johnson, H. W., Providence Engineering Works, Providence, R. I.
Ketchum, Samuel, W. D. Forbes Co., 1300 Hudson St., Hoboken, N. J.
Lent, Leon B., Chief Engineer, Ward & Upright Engineering Co., 41 York St., Brooklyn, N. Y.
Peck, Chas. B., Mgr., B. F. Sturtevant & Co., 131 Liberty St., N. Y. City.
Pryor, Robt. W., Buffalo Forge Co., 39 Cortlandt St., N. Y. City.

Scribner, Chas. W., 39 Cortlandt St., N. Y. City.
Smith, Elmer, Providence Engineering Works, Providence, R. I.
Walton, Druid A., Genl. Mgr., C. J. Walton & Son, 1219 W. Main St., Louisville, Ky.
Whiting, C. W., 53 State St., Boston, Mass.
Wilkes, J. Frank, Supt., Mecklenburg Iron Works, Charlotte, N. C.

Steam Fitters and Engineers

Hoffman, Chas. S., Baker, Smith & Co., 83 W. Houston St., N. Y. City.
Church, W. D., Director, M. W. Kellogg & Co., 143 Liberty St., N. Y. City.
Inglis, R. N., M. W. Kellogg & Co., 143 Liberty St., N. Y. City.
Kellogg, M. W., Pres., M. W. Kellogg & Co., 143 Liberty St., N. Y. City.
Pearce, C. E., Rossman & Bracker Co., 11 E. 22d St., N. Y. City.

Steam Fitting and Specialties

Botchford, H. J., Mgr., Carbondale Machine Co., 544 Tremont Bldg., Boston, Mass.
Hoffman, Howard, Kansas City, Mo., Gas Co., 1st and Campbell St., Kansas City, Mo.

Steam Hammers

Buckley, Thos. J., Midvale Steel Co., Midvale, Pa.

Steam Heating Contractors

Brinckerhoff, Alex. G., Johnson & Morris, 30 W. 13th St., N. Y. City.
Hall, Burton P., Treas., N. Y. Steam Fitting Co., 137 Elm St., N. Y. City.
Hall, Robert E., Sec'y, N. Y. Steam Fitting Co., 137 Elm St., N. Y. City.
Pearce, C. E., Rossman & Bracker Co., 11 E. 22d St., N. Y. City.

Steam and Hot Water Heating Apparatus

Dixon, R. M., Vice-Pres., Pintsch Compressing Co. and Safety Car Htg. and Ltg. Co., 160 B'way, N. Y. City.
Everitt, Frank C., J. L. Mott Co., Trenton, N. J.
Hall, Burton P., Treas., N. Y. Steam Fitting Co., 137 Elm St., N. Y. City.
Hall, Robert E., Sec'y, N. Y. Steam Fitting Co., 137 Elm St., N. Y. City.
Hulse, George E., Safety Car Heating and Lighting Co., 206 Erie St., Jersey City, N. J.
Hoffman, Chas. S., Baker, Smith & Co., 83 W. Houston St., N. Y. City.

Steam Pumps

Brooks, Royal D., International Steam Pump Co , 114 Liberty St., N. Y. City.
Darby, John, Mackenzie, Quarrier & Ferguson, 114 Liberty St., N. Y. City.
Ebsen, W. A., Blake & Knowles Steam Pump Co., 114 Liberty St., N. Y. City.
Gibson, Wm., Worthington Pump Co., Harrison, N. J., or Liberty St., N. Y. City.
Torrance, Kenneth, Dept. Water Supply, Ridgewood Sta., Atlantic Ave., Brooklyn, N. Y.

Steam Shovels

Knox, S. L. G., Vice- Pres. and Chief Engineer, The Bucyrus Co., S. Milwaukee, Wis.

Steam Superheaters

Foster, Ernest H., Vice-Pres., Power Specialty Co., 111 Broadway, N. Y City.
Hussey, Wm. E , Mgr., Providence Engineering Works, 42 B'way, N. Y. City.
Idell, Percy C., Babcock & Wilcox Co., 85 Liberty St., N. Y. City.
Johnson, H. W., Providence Engineering Works, Providence, R. I.
Leddell, W. A., Power Specialty Co., 111 Broadway, N. Y. City.
Ode, Randolph T., Sec'y, Providence Engineering Works, Providence, R. I.
Smith, Elmer, Providence Engineering Works, Providence, R. I.
Webster, Hosea, Babcock & Wilcox Co., 85 Liberty St., N. Y. City.

Steam Traps

Todd, Geo. L., Vice-Pres., Nason Mfg. Co., 71 Fulton St., N. Y. City.

Steam Turbines

Angell, F. J., Humphreys & Glasgow, 38 Victoria St., London, S. W., England.
Boller, A. P., Jr., Genl. Mgr., Chapman Double Ball Bearing Co. of America, 40 Bristol St., Boston, Mass.
Bruckner, R. E., International Curtis Marine Turbine Co., Room 915, 149 B'way, N. Y. City.
Carroll, Morris B., General Electric Co., Schenectady, N. Y.
Chastenty, C. D., De La Vergne Steam Turbine Co., Trenton, N. J.
Dreyfus, Edwin D., Allis Chalmers Co., Milwaukee, Wis.
Fuller, Arthur A., Supt., Providence Engineering Works, Providence, R. I.
Haussling, Joseph, Westinghouse Machine Co., 307 Belleville Ave., Newark, N. J.

Hussey, Wm. E., Mgr., Providence Engineering Works, 42 Broadway, N. Y. City
Johnson, H. W., Providence Engineering Works, Providence, R. I.
Kerr, C. V., Chief Engineer, Kerr Turbine Co., Wellsville, N.Y
Loizeaux, Alfred S., Ry. Eng. Dept., General Elec. Co. Schenectady, N. Y.
Loud, Henry S., British Westinghouse Elec. & Mfg. Co., Ltd., Trafford Park, Manchester, England.
Mapelsden. Harold H., Turbine Testing Dept., Genl. Elec. Co., Schenectady, N. Y.
Prout, H. B., Westinghouse Machine Co., Pittsburg, Pa.
Sanders, Lewis, General Electric Co , West Lynn, Mass.
Searing, Lewis, Vice-Pres. and Genl. Mgr., Denver Eng'g Works, Denver, Colo.
Smith, Elmer Smith, Providence Engineering Co., Providence, R. I.
Weichert, A. E., J. G. White & Co., 43 Exchange Place, N. Y. City.
Weichert, Max J., W. & A. Fletcher Co., 13th and Hudson Sts., Hoboken, N. J.
Zimmerman, H. D., Westinghouse Machine Co., 10 Bridge St., N. Y. City.

Steel

Buvinger, Wm. S., Jones & Laughlins Steel Co., Pittsburg, Pa.
Cox, J. L., Midvale Steel Co., Nicetown, Pa.
Myers, A. C., Carnegie Steel Co., Braddock, Pa.
Owston, Chas. W., Railway Steel-Spring Co., East St. Louis, Ill.
Sanson, Fredk. B., Midvale Steel Co., Nicetown, Philadelphia, Pa.

Steel Axles

Drummond, E. M., Drummond Mfg. Co., 1216 W. Main St., Louisville, Ky.

Steel Barrels

Danziger, Jacob C., Supt., Cowles & Danziger Co., Wight and Iron St., Detroit, Mich.

Steel Car Couplers

Bush, Samuel P., Vice-Pres. and Genl. Mgr., Buckeye Steel Casting Co., Columbus, O.

Steel Castings

Buckley, Thos. J., Midvale Steel Co., Nicetown, Pa.

Steel Manufacturers

McCullough, Chas. H., Vice-Pres. & Genl. Mgr., Lackawanna Steel Co., Buffalo, N. Y.

Steel Works

Hayes, Wm. G., Illinois Steel Co., Joliet, Ill.

Steel Work Construction

Borcherdt, W. O., Milliken Bros., Room 1032, 11 Broadway, N. Y. City.

Stone, Artificial

Wolcott, Henry A., 49 Pearl St., Hartford, Conn.

Storage Batteries

Woodbridge, J. L., Electric Storage Battery Co., 19th St. & Allegheny Ave., Philadelphia, Pa.

Wuichert, Edw., Union Storage Co., 101 Bainbridge St., Dayton, Ohio.

Stove Manufacturers

Cameron, Barton H., Pres. & Genl. Mgr., Cameron Stove Co., Richmond, Va.

Street Railways

Manley, R. E., Genl. Mgr., Hanover Light, Heat & Power Co., Hanover, Pa.

Structural Steel and Iron Work

Brackett, Chas. K., American Sugar Refining Co., Jersey City, N. J.

Cuntz, Wm. C., Pennsylvania Steel Co., Steelton, Pa.

Davis, J. A., Sec'y R. C. Hoffman & Co., Inc., Continental Bldg., Baltimore, Md.

Freygang, Henry, Prop., Midland Bridge Co., Box 385, Kansas City, Mo.

Grelle, Chas. Edw., Vice-Pres & Mgr., Williamette Boiler Works, 4th and Glisan Sts., Portland, Ore.

Hewitt, George, Passaic Steel Co., Paterson, N. J.

Hinkle, E. E., Senior Member of firm, The Hinkle Iron Co., 534 W. 56th St., N. Y. City.

Jacobs, Wm. E., Jones & Jacobs, Salt Lake City, Box 1132, Utah.

Merritt, James S., Pres. and Genl. Mgr., Merritt & Co., 1022 Ridge Ave., Philadelphia, Pa.

Post, Andrew J., Sec'y & Chief Engineer, Post & McCord, 44 E. 23rd St., N.Y. City.

Post, Robert C., Post & McCord, 44 E. 23rd St., N. Y. City.

Post, Wm. C., Vice-Pres. and Treas., Post & McCord, 44 E. 23rd St., N. Y. City.

Quigg, E. A., North Works, Illinois Steel Co., Chicago, Ill.

Raque, Philip E., 280 Broadway, N. Y. City.

Robinson, Edw. W., Supt., Snare & Triest Co., 143 Liberty St., N. Y. City.

Rose, Rudolph V., The Niagara Falls Power Co., Niagara Falls, N. Y.

Suhr, Curt, Post & McCord, 44 E. 23rd St., N. Y. City.

Turner, J. K., Cornell Iron & Steel Construction Co., N. Y. City.

Suction Cleaners

Blaisdell, Chas. O., Suction Cleaner Co. of Bradford, Pa., 120 Liberty St., N. Y. City.

Sugar Refiner

Lienau, J. H., Natl. Sugar Refining Co. of N. J., Front & Pidgeon Sts., L. I. City, N. Y.

Sugar Refining

Dinkel, George, Chief Engineer, American Sugar Refining Co., Jersey City, N. J.
Ducommun, Edward, American Sugar Refining Co., Jersey City, N. J.
Kopp, Henry, American Sugar Refining Co., Brooklyn, N. Y.
Parker, Thos. R., Tazewell Hotel, Pekin, Tazewell Co., Ill.
Pope, O. A., 946 President St., Brooklyn, N. Y.

Sugar Machinery

Beale, Fredk. W., Continental Construction Co., 221 McPhie Bldg., Denver, Colo.
Brackett, Charles K., American Sugar Refining Co., Jersey City, N. J.
Christy, J. L., Treas., Christy Moir Co., 149 Broadway, N. Y. City.
Ebsen, W. A., Blake & Knowles Steam Pump Co., 114 Liberty St., N. Y. City.
Joubert, Fred. L., Payne & Joubert, New Orleans, La.
Morris, A. S., Partner to P. H. Morris, 1501 S. Front St., Phila., Pa.

Sulphur Refining

White, Edw. F., S. C. White's Son's Co., 302 Broadway, N. Y. City.

Superintendent of Gas Works

Norris, Rollin, Supt. of Works, United Gas Improvement Co., Phila., Pa.

Superintendent of Motive Power

Demarest, F. W., Pennsylvania Co., Fort Wayne, Ind.
Wallis, Philip, Long Island R. R., Richmond Hill, L. I., N. Y.

Surveyors

Beyer, Richard, Partner to T. H. McCann, 2nd Natl. Bank Bldg., Hoboken, N. J.
Ramirez, Juan B., Custom House, New York City.

Switchboards

Loizeaux, Alfred S., Ry. Eng'g Dept., Genl. Electric Co., Schenectady, N. Y.

Switchboards, Telephone

Slocum, Mors O., Western Electric Co., 259 So. Clinton St., Chicago, Ill.

Table Delicacies

Dilworth, Wm. S., Gordon & Dilworth, 563 Greenwich St., N. Y. City.

Tanks

DeHart, J. S., Jr., Pres., Isbell-Porter Co., 46 Bridge St., Newark, N. J.

Herb, Arthur, J. Schwarzwalder & Sons, 15th & Jefferson Sts., Hoboken, N. J.

Machold, Chas. E., Machold & Riddell, 1020 Stephen Girard Bldg., Phila., Pa.

Phillips, Louis A., Associated with E. Burhorn, 71 Wall St., N. Y. City.

Walton, Druid A., Genl. Mgr., C. J. Walton & Son, 1219 W. Main St., Louisville, Ky.

Wettlaufer, Louis F., A. B. Farquahar & Co., Cotton Exchange Bldg., N. Y. City.

Tanks, Spherical Bottom

Willis, Paul, Sec'y, Kenwood Bridge Co., 1416 1st Natl. Bank Bldg., Chicago, Ill.

Tanners' Machinery

Munkwitz, Edw. H., Pres., Edw. Munkwitz Co., Muskego Ave., Milwaukee, Wis.

Tanning Extracts

Doughty, W. F., New York & Boston Dyewood Co., Green & West Sts., Brooklyn, N. Y.

Teachers

Fezandie, Hector, Cutler School, 20 E. 50th St., N. Y. City.

Tiemann, Harry D., Yale Forest School, New Haven, Conn.

Telegraph

Stack, Maurice F., American Telephone & Telegraph Co., 22 Thames St., N. Y. City.

Telephones

Benbrook, J., N. Y. & N. J. Telephone Co., 547 Clinton Ave., Brooklyn, N. Y.

Cuntz, J. H., 140 Nassau St., N. Y. City.

Lexow, Allan T., N. Y. & N. J. Telephone Co., 547 Clinton Ave., Brooklyn, N. Y.

Mount, R. H., N. Y. & N. J. Telephone Co., 547 Clinton Ave., Brooklyn, N. Y.

Peterson, Reinhold, Western Electric Co., 463 West St., N. Y. City.

Richtberg, H. A., Western Electric Co., 463 West St., N.Y. City.

Slocum, Mors O., Western Electric Co., 259 So. Clinton St., Chicago, Ill.

Stack, Maurice F., American Telephone & Telegraph Co., 22 Thames St., N. Y. City.

Van Etten, Herbert B., N. Y. Telephone Co., 15 Dey St., N. Y. City.

Telephone Exchange

Mylius, R. W., Western Electric Co., 463 West St., N. Y. City.

Telephone Supplies

Whitlock, E. H., Asst. Supt., National Carbon Co., Cleveland, Ohio.

Testing Laboratories

Betts, H. S., Forest Service, Washington, D. C.
Butler, Pierce, 303 Norton Building, Louisville, Ky.
Charavay, M. A., N. Y. Edison Co., Waterside, 1st. Ave. & 38th St., N. Y. City.
Faulks, Jas. B., College of Applied Science, Syracuse Univ., Syracuse, N. Y.
Fulton, J. Hurst, General Electric Co., Schenectady, N. Y.
Haussling, Joseph, Westinghouse Machine Co., 307 Belleville Ave., Newark, N. J.
Hill, W. M., U. S. Coast & Geodetic Survey, Div. T. M., Washington, D. C.
Jennings, Wm. J., R. H. Hunt & Co., 1121 The Rookery, Chicago, Ill.
LePage, Clifford B., Stevens Institute, Hoboken, N. J.
Lydecker, Kenneth, Marine Engine & Machine Co., Harrison, N. J.
Magruder, Wm. T., Ohio State University, Columbus, Ohio.
Mapelsden. H. H., General Electric Co., Schenectady, N. Y.
Onderdonk, J. R., Baltimore & Ohio R. R., Mt. Clare, Baltimore, Md.
Penney, Rubert L., Winchester Repeating Arms Co., New Haven, Conn.
Stillman, Thos. B., Stevens Institute, Hoboken, N. J.
Tiemann, Harry D., Yale Forrest School, New Haven, Conn.

Testing Material

Henning, Gus C., 150 Nassau St., N. Y. City.

Textile Machinery

Palen, W. D., Chief Engineer, The Phila. Textile Co., Hancock and Somerset Sts., Phila., Pa.

Thermometers

Kemble, Edmund, Chas. J. Tagliabue Mfg. Co., 53 Fulton St., N. Y. City.
Koester, Herman, Wm. H. Bristol Pyrometer Co., 45 Vesey St., N. Y. City.

Thermometers, Recording

Bristol, B. B., Vice-Pres. and Sec'y, The Bristol Co., Waterbury, Conn.

Thermostats

Kemble, Edmund, Chas. J. Tagliabue Mfg. Co., 53 Fulton St. N. Y. City.

Tile Manufacturer

Rivero, Ricardo J., Asst. Mgr., V. Rivereo, Successors, El Cercado, N. Leon, Mexico.

Tobacco Manufacturer

Hamilton, R. P., Sec'y and Treas., Bland Tobacco Co., Petersburg, Pa.

Traction, Electric

Woodbury, D. C., N. Y. C. & H. R. R., Grand Central Station, N. Y. City.

Transformers

Marvin, Richard H., General Electric Co., Schenectady, N. Y.
Wagoner, P. D., General Electric Co., Schenectady, N. Y.

Tubing

Williams, H. E., Natl. Tube Co., 1821 Frick Bldg., Pittsburg, Pa.

Tunnels

Merriam, Lyman L., O'Rourke Engineering Construction Co., 564 W. 33rd St., N. Y. City.

Tunnel Building

Broadhurst, Wm. G., S. Pearson & Sons, 33rd St. and 1st Ave., N. Y. City.

Tunnel Railways

Rosenbusch, G., Underground Electric Rys. Co., Hamilton House, Victoria Embankment, London, E. C., England.

Tunnel and Subway Construction

Pitchfield, Percy, Rapid Transit Subway Construction Co., 350 Fulton St., N. Y. City.

Turbines, Steam and Water

Schmidt, Edw. C., Kerr Turbine Co., Wellsville, N. Y.
Torrance, Kenneth, Dept. Water Supply, Ridgewood Pumping Station, Atlantic Ave., Brooklyn, N. Y.

Turbines, Water

Williams, F. H., Sec'y and Treas., Dubuque Turbine and Roller Mill Co., Dubuque, Iowa.

Typesetting Machinery

Dow, Alexander, 299 Broadway, N. Y. City.

Typewriters

Beard, Maximilian C., Elliott-Fisher Co., 329 Broadway, N. Y. City.

Vacuum Pans

Powell, Wm. B., Genl. Supt., Worcester Salt Co., Silver Springs, N. Y.

Vacuum Pumps

Myers, C. T., International Steam Pump Co., Pittsburg, Pa.
Wilson, W. R., Alberger Condenser Co., 95 Liberty St., N. Y. City.

Valves

Todd, George L., Vice-Pres., Mason Mfg. Co., 71 Fulton St., N. Y. City.
Welles, Edw. R., M. W. Kellogg & Co., 143 Liberty St., N. Y. City.

Valve Manufacturers

Brett, Harvey, Supt., Rochester Valve Co., 27 Clinton Ave. South, Rochester, N. Y.

Vehicle Manufacturer

Firestone, J. F., Vice-Pres. & Genl. Supt., Columbus Buggy Co., Columbus, Ohio.

Veneer Manufacturers

Axford, W. B., Supt., Veneer Box and Panel Co., Greenville, Me.

Venture Water Meters

Connet, Frederick N., Builders Iron Foundry, Providence, R.I.

Voltmeters, Recording

Smith, Arthur D., Bristol Co., Waterbury, Conn.

Watch Case Manufacturer

Hagstoz, Arthur T., Keystone, Phila. & American Watch Case Co., Riverside, N. J.

Water Gas Plants

Angell, F. J., Humphreys & Glasgow, 38 Victoria St., London, S. W., Eng.

Water Meters

Arrison, Pearson, Thompson Meter Co., Brooklyn, N. Y.
Myers, C. T., International Steam Pump Co., Pittsburg, Pa.
Nash, Lewis H., Chief Engineer, Natl. Meter Co., 86 Chambers St., N. Y. City.

Water Power

Merriam, Lyman L., O'Rourke Eng'g Construction Co., 564 W. 33rd St., N. Y. City.

Water Power Plants

Rose, Rudolph V., The Niagara Falls Power Co., Niagara Falls, N. Y.

Water Softeners

Waefelaer, Louis, Jr., Kennicott Water Softener Co., 29 Great St. Helena, London, E. C., Eng.

Water Supply

Jackson, W. W., City Hall, Columbus, Ohio.

Water Works

Gubelman, F. J., Vice-Pres., O'Rourke Eng'g Construction Co., 1 W. 34th St., N. Y. City.

Longstreet, J. H., Prop., Riverview Iron Works, Bordentown, N. J.

Window Glass

Blumgardt, Isaac E., American Window Glass Co., New Castle, Pa.

Wire Drawing Machines

Pierson, W. D., Sec'y, The Waterbury Machine Co., Waterbury, Conn.

Wire Manufacturers

Munkwitz, Wm. H., Sec'y and Treas., The Badger Nail Co., Milwaukee, Wis.

Newell, Harvey E., India Rubber & Gutta Percha Insulating Co., Yonkers, N. Y.

Wire Nails

Munkwitz, Wm. H., Sec'y and Treas., Badger Nail Co., Milwaukee, Wis.

Wire Rope

Hewitt, Wm., Trenton Iron Co., Trenton, N. J.

Wireless Telegraphy

Bennitt, George E., De Forest Wireless Telegraphy Co., Jersey City, N. J.

Cuntz, J. H., 140 Nassau St., N. Y. City.

Gunagan, R. H., Equipment Dept. Bldg. 9, Navy Yard, Brooklyn, N. Y.

Vreeland, Fredk. K., 80th St. and East End Ave., N. Y. City.

Wildman, L. D., Phelan Building, San Francisco, Cal.

Woolen Machinery Manufacturer

Kenyon, C. C., D. R. Kenyon & Son, Raritan, N. J.

Works Management

Stanley, Robt. C., Orford Copper Co., New Brighton, S. I., N. Y.

Wrecking (Marine)

Wood, E. N., Merritt & Chapman Derrick & Wrecking Co., 17 Battery Pl., N. Y. City.

Wrought Iron Tubing

Luken, Lewis N., Vice-Pres., Longmead Iron Co., Drexel Bldg., Phila., Pa.

McCulloch, John A., National Tube Co., McKeesport, Pa.

Yacht Broker

Stevens, Edwin A., Jr., Cox & Stevens, Morris Bldg., 66 Broad St., N. Y. City.

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